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der

SCHWEIZERISCHEN METEOROLOGISCHEN ZENTRAL-ANSTALT

1923.

„Der Schweizerischen meteorologischen Beobachtungen"

Sechzigster Jahrgang.

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Einleitung.

Auf Anfang September des Jahres 1923 war eine internationale Konferenz der Direktoren aller meteorologischen Landesdienste und der internationalen Kommissionen in Utrecht anberaumt; es wurden sukzessive Direktor und Adjunkt der Anstalt vom h. Bundesrat dahin abgeordnet. — Als neuen Assistent an Stelle des ausgetretenen Herrn Dr. Alphons de Weck wählte die Behörde Herrn Dr. Walter Brückmann von Kilchberg (Zürich), der lange Jahre am Meteorologischen Institut in Potsdam und Berlin tätig gewesen war. — Unser langjähriger Gewitterstatistiker, Herr Johs. Mettler, ist infolge eines rasch verlaufenden Augenleidens genötigt worden, auf Anfang 1923 in den Ruhestand zu treten und seine fast 30jährige hingebende Tätigkeit an unserer Anstalt einzustellen. Er wurde einstweilen durch Herrn Dr. Heinrich Rebsamen von Elgg (Zürich) ersetzt. — Die Zahl unserer Beobachtungsstationen hat sich auch in diesem Berichtjahr nicht wesentlich verändert; wir arbeiten mit 120 meteorologischen Stationen und besitzen 285 Regenmesstationen, die uns regelmässig Berichte senden. Dagegen haben die Jahresniederschlagssammler im Hochgebirge wieder eine willkommene Ergänzung erfahren, indem die Rhätischen Werke für Elektrizität in Thusis auf ihre Kosten fünf neue Totalisatoren (vornehmlich im Hinterrheingebiet) plazierten.

Ueber die Reorganisation des internationalen Wetterdienstes an unserer Anstalt ist schon im letzten Jahr einiges berichtet worden; hinzuzufügen bleibt, dass unsere tägliche Witterungsprognose nunmehr des vormittags spätestens um 11 Uhr 15 Minuten an das Telegraphenamt in Zürich abgegeben wird, und von dort aus automatisch an alle Hauptlinien übergeht. Um das Unbefriedigende einer einzigen Landesprognose für die klimatisch verschiedenen Landesteile zu vermeiden, haben wir mit der Ausgabe von drei getrennten Prognosen für die Westschweiz, die Zentral- und Ostschweiz und die Südschweiz begonnen. Seit Mitte Januar wird überdies eine Nachmittagsprognose um 17 Uhr 15 Minuten ausgegeben, vermittelst welcher gewisse Witterungsvorgänge, die aus der Vormittagskarte noch nicht ersichtlich sind, nachträglich noch besser erfasst und dem Publikum bekannt gemacht werden können. Um allen Bedürfnissen gerecht zu werden, ist seit dem Monat Mai, gemeinsam mit der schweiz. Telegraphenverwaltung, ein telegraphisch-telephonischer Wetterauskunftsdienst eingerichtet worden; auf Grund dessen kann nun an jeder Telephonstation des Landes die Witterungsprognose von 12 bezw. 18 Uhr an erfragt werden. Ausserdem wird letztere auch jedem, der darauf abonniert, gegen eine mässige Gebühr, täglich von seiner Zentrale aus mitgeteilt. Radiotelephonisch wird unsere Prognose durch die Radiostation in Lausanne um 13 und 19 Uhr verbreitet.

Die neuen Räume der Anstalt im ausgebauten Dachstock des Eidg. Physikgebäudes konnten anfangs Juni bezogen werden. Im ganzen wurden für die Anstalt durch den Aufbau sieben Zimmer gewonnen, die für die Aufnahme des vermehrten Personals, der erforderlichen Instrumente, einer Werkstätte und als Abwartwohnung Benützung finden. — Eine Schwierigkeit in der Reorganisation des Wetterdienstes besteht darin, dass die Radioempfangsstation infolge störender Einflüsse bis jetzt nicht bleibend im Institute plaziert werden konnte. Nur der Abendempfang der drahtlosen Telegramme ist seit Juli im Zimmer der Wetterdienstabteilung durch einen Reserveapparat ermöglicht. Seit Anfang Mai wurden auch durch Unterstützung der Obertelegraphendirektion Versuche zum Zwecke der Beschaffung eines störungsfreien Raumes für den Empfang der Radiodepeschen im Institute unternommen; dieselben haben indessen bis jetzt zu keinen befriedigenden Resultaten geführt.

Der Erdbebendienst war in ununterbrochener Tätigkeit; sein Jahresbericht befindet sich, wie gewohnt, im Anhang Nr. 5 der Annalen. — Eine besondere Beilage (Anhang Nr. 6) enthält wertvolle Ergebnisse aus Verdunstungsmessungen im schweizerischen Hochgebirge, die auf Veranlassung des Eidg. Amtes für Wasserwirtschaft seit 1915 ausgeführt worden sind.

Zürich, im Dezember 1924.

Die Direktion der Schweizerischen Meteorologischen Zentralanstalt:

Dr. **J. Maurer.**

EIDGENÖSS. METEOROLOGISCHE KOMMISSION
1923.

Präsident:	Herr Prof.	R. Gautier in Genf.
Vizepräsident:	„ „	A. Forster in Bern.
Mitglieder:	„ „	A. Wolfer in Zürich.
	„ „	Dr. P. Gruner in Bern.
	„ „	„ L. Collet in Genf.
	„ „	P. L. Mercanton in Lausanne.
	„ „	J. Früh in Zürich.
	„ „	A. Heim in Zürich.

Verzeichnis der im Jahre 1923 erschienenen oder auf das Jahr 1923 bezüglichen Schweizerischen meteorologischen Literatur.

Annalen der Schweizererischen Meteorologischen Zentralanstalt. 60. Jahrgang 1923.

Täglicher Wetterbericht der Schweizerischen Meteorologischen Zentralanstalt. 43. Jahrgang 1923.

Ergebnisse der täglichen Niederschlagsmessungen auf den meteorologischen und Regenmess-Stationen in der Schweiz. Jahrgang 1923.

X. Bericht der Gletscherkommission der Phys. Gesellschaft Zürich pro 1922/23 von R. Billwiller (Der Firnzuwachs pro 1922/23 in einigen schweizerischen Firngebieten; Beiblatt zur Vierteljahrsschrift der Zürch. Nat.-Gesellschaft. 1923. Nr. 2.)

Monatliche Uebersichten der Witterung, Januar—Dezember 1923. publiziert von der Schweizer. Meteorologischen Zentralanstalt in: „Schweizerische Zeitschrift für Forstwesen". 1923.

Résumé météorol. de l'année 1923 pour Genève et le Grand St-Bernard, par R. Gautier, Archives, 1924, vol. 6, 5me Période (1922 Déc./Nov. 1923.).

Les variations périodiques des Glaciers des Alpes Suisses. 44e rapport (1923) par P. Mercanton, extrait de l'annuaire du S. A. C., 58e année.

Observations météorologiques faites aux fortifications de St-Maurice pendant l'année 1923 par R. Gautier et E. Rod (Archives, 5me Période, Vol. 5 u. 6).

W. Bührer: Starke Regenfälle. (Ber. Nat. Ges. Baselland 1917/21).

Tägliche Beobachtungen

der Stationen:

Bern, Neuchâtel, Altdorf, Genf, Zürich, Rigi-Kulm, Bevers, Sitten, Lugano, Basel, Säntis und St. Gotthard

im Jahre 1923.

Für die Bezeichnung der Hydrometeore und anderer Phänomene werden nach dem Vorschlag des internationalen Meteorologen-Kongresses (Wien 1873) folgende Symbole angewandt:

● = Regen.	⌓ = Tau.	K = Gewitter.	⦶ = Sonnenhof.
✱ = Schnee.	⌴ = Reif.	< = Blitz, Wetterleuchten.	⊕ = Sonnenring.
△ = Graupeln, Riesel.	V = Duft.	⌒ = Nordlicht.	⋓ = Mondhof.
▲ = Hagel.	∽ = Glatteis.	⇗ = starker Wind, ⇗ = Sturm.	⊽ = Mondring.
← = Eisnadeln.	≡ = Nebel.	✛ = Schneegestöber.	⌒ = Regenbogen.

Das Zeichen ⊠ bedeutet, dass mehr als die Hälfte der Bodenfläche in der Umgebung der Station an dem betreffenden Tag mit Schnee bedeckt war.

Die Intensität der einzelnen Erscheinungen wird durch eine dem Symbol als Exponent beigefügte ° als schwach, durch ² als stark bezeichnet.

Vom Jahrgang 1918 an wird die 24-Stundenzählung durchgeführt; wenn aber die Zeit nicht näher angegeben werden kann, bedeutet wie bis anhin: a: Vormittags (ante meridiem), p: Nachmittags (post m.), n: Nachts.

Alle Zeitangaben mit Ausnahme derjenigen in Anhang Nr. 4 beziehen sich auf **mitteleuropäische Zeit.**

Die römischen Ziffern geben an, dass das betreffende Phänomen um die Zeit des ersten, resp. zweiten, resp. dritten Beobachtungstermins stattgefunden hat, die arabischen bedeuten die bürgerlichen Zeitstunden, das Zeichen * interpolierte Daten.

λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^m bezogen.

Nachtrag:

Dailly.

$\lambda = 7^{\circ}2'$, $\beta = 46^{\circ}13'$, $H = 1253^{m}$, $h_r = 1.5^{m}$.

Beobachter: **Intendance du Fort.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* >1.0	*	▲	K	≡	helle	trübe
Jan.	−3.2	−1.2	−3.0	−2.6	−12.2	19	5.8	25.26.27	71	69	76	72	12	3	5.4	5.5	4.6	5.2	59	17	20	11	11	11	—	—	10	11	12
Febr.	−0.2	2.7	0.6	0.9	−6.5	21	13.8	2	64	61	68	64	28	2	7.1	6.8	6.2	6.7	71	19	11	15	13	14	—	—	10	3	13
März	0.1	3.7	1.9	1.9	−6.0	13	12.4	27	71	66	72	70	25	31	5.8	5.6	4.9	5.4	35	7	10	10	8	8	—	—	7	11	13
April	2.8	6.5	4.4	4.5	−3.0	14. 15	15.8	11	70	68	66	68	22	11	6.6	6.4	5.0	6.0	71	22	14. 27	12	11	3	—	1	12	4	11
Mai	6.6	11.0	9.0	8.9	−1.5	11	22.3	8	65	59	64	63	34	2	5.2	5.2	5.5	5.3	127	35	29	15	13	2	—	—	6	11	12
Juni	6.5	10.0	8.7	8.5	−0.6	18	19.8	9	74	64	68	69	48	30	6.0	6.6	6.1	6.2	80	20	26	12	11	1	—	1	4	6	13
Juli	14.3	18.8	16.7	16.6	10.0	1.20	26.8	14	62	55	58	58	38	12 13	3.0	3.6	3.6	3.4	80	32	31	6	6	—	—	2	2	14	3
Aug.	12.9	18.3	16.2	15.9	6.5	29	28.4	10	59	52	50	54	25	21. 23	3.7	3.2	2.5	3.1	99	27	15	12	12	—	—	2	2	15	4
Sept.	9.3	13.6	11.7	11.6	3.5	19	21.8	30	65	55	56	59	30	10	4.4	5.1	2.8	4.1	83	49	23	12	10	—	—	—	3	14	7
Okt.	8.0	11.7	9.0	9.4	0.3	6	22.2	1	64	57	65	62	23	12	6.1	5.5	5.2	5.6	125	39	22	14	14	1	—	—	5	7	10
Nov.	1.1	3.1	2.1	2.1	−8.2	23	15.8	1	67	65	69	67	30	22	7.3	7.8	7.2	7.4	156	50	7	17	17	9	—	—	9	2	17
Dez.	−3.0	−1.2	−2.4	−2.2	−10.0	21	6.8	12	74	70	76	73	30	8	8.0	6.9	6.6	7.2	141	21	21	16	15	15	—	—	12	4	17
Jahr	4.6	8.1	6.2	6.3	−12.2	I	28.4	VIII	67	62	66	65	12	I	5.7	5.7	5.0	5.5	1127	50	XI	152	142	64	—	6	82	102	132

Savatan.

$\lambda = 7^{\circ}2'$, $\beta = 46^{\circ}13'$, $H = 689^{m}$, $h_r = 1.5^{m}$.

Beobachter: **Intendance du Fort.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* >1.0	*	▲	K	≡	helle	trübe
Jan.	−3.1	−0.6	−1.8	−1.8	−10.1	19	5.1	31	77	73	79	76	40	3	6.3	6.2	5.7	6.0	47	11	20	10	9	9	—	—	3	8	14
Febr.	1.1	4.6	2.1	2.5	−2.7	4	11.9	8	83	69	78	77	28	8	7.2	7.7	7.0	7.3	66	19	11	14	12	6	—	—	3	2	13
März	2.4	8.5	4.4	4.9	−3.5	13	16.9	26. 27	77	56	73	69	26	23	5.7	5.5	4.7	5.3	20	5	10	9	4	1	—	—	1	11	12
April	5.5	11.7	7.8	8.2	1.1	15	20.3	12	79	55	68	67	25	6	6.7	6.1	5.2	6.0	55	20	14	15	9	—	—	1	0	6	10
Mai	8.4	15.4	10.9	11.4	1.5	13	26.5	3	76	56	67	66	30	3	4.3	4.8	5.6	4.9	87	30	29	14	12	—	—	—	1	10	9
Juni	9.3	15.3	11.6	12.0	2.7	18	23.9	10	81	59	66	69	38	9	6.0	5.7	5.8	5.8	58	16	26	11	7	—	—	1	0	7	11
Juli	15.8	24.3	19.9	20.0	11.3	1	32.1	14	72	47	59	59	34	15	3.2	3.7	4.0	3.7	66	28	31	6	4	—	—	2	1	13	5
Aug.	14.6	22.1	18.3	18.3	7.7	26	32.7	10	70	50	56	59	30	9	3.6	3.2	2.4	3.1	84	29	15	10	8	—	—	2	1	15	2
Sept.	10.8	16.4	13.6	13.6	5.7	25	22.9	14	77	60	66	68	38	14	4.1	4.5	3.4	4.0	62	38	23	9	7	—	—	—	0	12	7
Okt.	9.1	12.2	10.6	10.6	2.5	15	20.1	1	78	72	76	75	38	21. 28	7.0	5.8	5.9	6.2	118	33	22	16	12	—	—	—	3	6	13
Nov.	2.2	5.0	3.5	3.6	−5.1	23	12.2	12	82	74	80	79	29	21	7.3	7.1	7.4	7.3	95	16	14	16	15	4	—	—	4	2	15
Dez.	−0.4	1.0	−0.3	0.0	−6.5	21	6.5	9	83	77	83	81	33	8	8.7	7.4	7.7	7.9	116	14	28	15	13	9	—	—	3	2	21
Jahr	6.3	11.3	8.4	8.6	−10.1	I	32.7	VIII	78	62	71	70	25	IV	5.8	5.6	5.4	5.6	874	38	IX	145	112	29	—	6	20	94	132

Errata zum Jahrgang 1923.

Pag. 22. **Bevers:** 29. April, Luftdruck 21^{30}, soll heissen 621.0 statt 611.0.

" 84. " Bemerkung: Stationsverlegung 2. Aug., neues h_b ca. 1711 m.

" 89. **Haidenhaus.** Niederschlagssumme: März 32 statt 31.
Oktober 159 statt 158.
Jahr 898 statt 896.

" 91. **Unter-Hallau.** Niederschlagssumme: Juli 27 statt 21.
Jahr 788 statt 782.

" 91. **Glarus.** Niederschlagssumme: Februar 105 statt 109.
Jahr 1401 statt 1405.

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

Januar 1923.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	1.0	3.7	1.6	2.1	4.1	**704.1**	707.7	713.0	98	88	96	SE 0	S 0	S 0	10	8	10	.	
2	−0.2	2.5	−2.0	0.1	2.1	716.3	716.4	715.3	96	81	92	SE 0	S 0	S 0	2	8	0	.	
3	−3.2	2.4	0.3	−0.2	1.8	711.9	710.1	710.1	89	71	90	SE 0	SSE 0	SSE 0	2	10	10*	5.9	⌙ I, ✳ 20-n
4	0.3	1.9	0.8	1.0	3.0	710.1	710.6	712.0	97	92	98	SE 0	SE 0	N 0	10●	10●	10≡	1.4	● ✳ I-18, ≡-n
5	1.5	2.6	1.4	1.8	3.8	712.3	711.4	710.4	98	93	96	NE 0	NNE 1	E 0	10	10	10	.	
6	−3.0	1.1	−1.8	−1.2	0.8	708.3	709.8	713.8	94	79	91	SE 0	SSE 0	SE 0	1	5	0	.	
7	−1.0	2.1	0.5	0.5	2.5	716.9	716.7	716.2	90	79	89	SE 0	SE 0	SE 0	10	10	10	.	✳° 8-11
8	0.5	1.5	1.4	1.1	3.2	714.6	714.5	715.3	91	89	95	SE 0	SE 0	SE 0	10	10	10●	6.9	✳° 10-12¼, ● 14¼-n
9	1.6	4.0	2.6	2.7	4.8	715.8	716.6	717.0	100	96	94	SE 0	S 0	S 0	10≡	10	10	.	≡ n-11
10	2.0	**5.9**	2.4	3.4	5.5	714.8	712.7	710.0	90	67	84	SW 0	SW 1	SW 2	10	10●	10	1.4	● 13-17½, ☄ III, n ✳°
11	0.1	1.2	0.0	0.4	2.5	708.0	707.1	708.0	94	92	90	SW 0	NW 0	NE 0	8	8	10	0.1	✳° 11-15
12	−0.8	−0.6	−0.8	−0.7	1.3	707.3	706.3	708.1	90	89	81	N 0	NE 1	NE 2	10	10	10	0.1	✳° 8¾-13, ☄ III-n
13	−1.6	−0.6	−1.3	−1.2	0.8	710.7	712.7	716.0	95	84	75	NE 2	NE 2	NE 2	10*	10	1	.	✳° I-15½, ☄
14	−3.8	−1.8	−1.2	−2.3	−0.3	717.9	718.1	718.9	87	73	73	NE 0	E 0	SE 0	6	7	10	1.2	n (14/15) ✳
15	−1.8	1.5	1.0	0.2	2.2	720.3	720.5	720.8	96	86	89	S 1	S 0	W 1	10	7	10	.	
16	1.1	1.9	−0.6	0.8	2.8	716.7	714.5	713.6	88	85	88	SW 1	SW 1	NNE 0	10*	10*	5	1.5	✳ I-18½
17	−4.0	−1.7	−2.8	−2.8	−0.9	714.9	715.1	717.2	77	65	77	NE 1	SE 2	NE 2	4	3	0	0.1	p ☄, ✳° 14-18
18	−4.3	−1.5	−3.6	−3.1	−1.2	718.1	717.3	719.5	88	**63**	80	NE 1	NE 1	NE 0	10	7	7	.	
19	−7.8	−3.2	−7.1	−6.0	−4.1	721.2	721.5	721.7	84	71	82	NE 0	NE 1	E 0	10	0	0	.	
20	−4.6	−2.2	−0.5	−2.4	−0.6	715.1	709.4	707.1	76	93	96	S 0	SW 0	W 1	10	10*	10	**10.2**	✳ 8-18, n
21	−1.8	0.4	−2.5	−1.3	0.5	711.4	714.4	717.7	97	75	83	NE 0	E 1	N 1	10	7	8	0.8	✳° 8-11½
22	−8.9	−3.3	−8.2	−6.8	−5.0	720.0	720.1	720.8	96	76	93	NE 0	NE 0	E 0	1	0	0	.	
23	−5.8	−1.1	−3.4	−3.4	−1.7	719.8	720.8	723.0	93	92	92	S 0	S 0	NE 1	10	10	0	0.5	✳° 8-11
24	**−11.6**	−4.4	−7.4	−7.8	−6.1	723.8	724.6	725.4	92	93	96	E 0	NE 0	NE 0	0	2	0	.	≡° 9-12, ≡ 9¼-10
25	−10.5	−1.5	−2.7	−4.9	−3.3	**725.8**	725.0	724.9	97	82	90	SE 0	NE 0	E 0	3	0	10	.	≡° n-10, ♆ 18½
26	−4.7	0.6	−0.5	−1.5	0.0	723.9	723.7	723.0	95	83	90	E 0	E 0	E 0	10	10	10	.	
27	−1.8	−0.1	−1.6	−1.2	0.3	720.2	718.2	717.8	91	86	90	E 0	SE 0	E 0	10	10	10	.	
28	−2.9	−0.3	−3.0	−2.1	−0.7	718.3	718.9	719.0	94	83	82	SE 0	SE 1	SE 0	10	10	9	.	♆ 18¼
29	−3.4	0.9	0.6	−0.6	0.8	717.8	717.3	716.1	91	94	94	SE 0	SE 0	SW 0	10	10	8	1.1	✳° 8¼, n ● ✳
30	0.4	3.2	1.4	1.7	2.9	714.8	714.9	716.9	100	92	98	SW 0	SW 0	SSW 0	10	10	10	2.8	✳ 8-9¼, ● 11-12¼, *)
31	1.5	3.9	3.0	2.8	4.0	719.1	720.1	721.8	99	96	98	S 0	S 0	SSE 0	10≡	10	10	0.7	≡ n-9, ●° 12¼-14¼
Mittel	−2.5	0.6	−1.1	−1.0	—	715.8	715.7	716.5	92	84	89				8.3	7.8	7.0	Summe 34.7	*) **30.** 14¼-20

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$.
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

Januar 1923.
Observatorium.

1	2.6	**6.4**	3.0	4.0	3.8	**712.0**	715.7	721.2	94	71	85	NW 1	NW 1	NW 1	10	7	9	0.3	●° 17-19
2	0.8	4.4	−0.6	1.5	1.4	724.2	724.5	722.9	93	78	94	NE 0	SW 1	NE 1	9	3	4	.	
3	−0.4	3.6	1.5	1.6	1.5	719.6	717.9	717.7	89	91	96	NE 1	SW 1	NW 1	8	10	10●	4.3	● 17½-n
4	0.5	2.3	2.4	1.7	1.6	717.8	718.6	719.9	100	98	95	NE 0	NE 1	NE 0	10●	10	8	2.5	● n-I, ✳ 7¾-11, ≡° n-II,
5	2.5	3.4	1.9	2.6	2.5	720.3	719.1	718.1	95	89	93	E 1	E 1	NE 1	10	10	9	.	[n ●°
6	0.0	3.7	0.3	1.3	1.3	716.2	717.6	722.2	97	82	93	NE 1	SE 1	NE 1	10	6	10	0.5	≡° II, n ✳°
7	0.1	2.2	2.2	1.5	1.5	724.8	724.5	724.0	98	89	89	SW 0	E 1	NE 0	10	10	10	0.2	a ✳°, ≡° II
8	2.3	2.2	3.0	2.5	2.5	722.6	722.4	722.9	81	94	97	NW 1	NW 1	W 1	10	10●	10	6.1	✳ 7¾-11, ●-n
9	2.0	4.9	3.8	3.6	3.6	723.9	724.4	724.9	96	92	81	NW 1	W 1	NW 1	8	10	3	.	
10	3.4	5.2	4.3	4.3	4.3	722.7	720.5	717.4	81	85	66	W 2	W 1	W 2	10	10	10	1.2	●° I, n ✳
11	0.8	3.0	0.6	1.5	1.5	715.7	714.8	716.0	94	83	88	NW 1	W 1	NW 1	10	9	9	.	✳°
12	0.5	1.8	0.6	1.0	1.0	715.0	713.9	716.4	81	64	65	NE 1	NE 2	NE 2	10	10	10	.	
13	0.3	1.7	−0.4	0.5	0.5	718.7	720.5	724.2	68	67	71	NE 1	NE 2	NE 2	10	7	3	.	
14	−3.8	0.7	−0.6	−1.2	−1.2	726.5	726.4	727.1	82	70	85	NE 1	NE 1	N 1	7	10	10*	1.1	✳ 20-n
15	0.0	2.2	2.6	1.6	1.6	728.5	728.3	728.5	89	80	66	NW 1	SW 1	N 1	10	10	8	0.6	✳ n-I, n ●°
16	1.7	2.0	0.5	1.4	1.4	724.7	722.7	721.4	93	88	66	W 2	W 2	N 1	9	10	5	3.4	a ✳°, ● n-16
17	−2.4	0.2	−1.2	−1.1	−1.1	722.7	723.0	725.0	68	55	55	NE 2	NE 2	NE 2	5	7	6	.	
18	−2.4	−0.2	−2.7	−1.8	−1.9	726.2	725.7	727.8	63	54	81	NE 2	NE 2	NE 1	7	7	6	.	
19	−4.7	−0.6	−5.3	−3.5	−3.6	729.6	729.8	729.5	72	56	64	NE 1	NE 3	NE 1	2	1	0	.	☄ II
20	−2.2	−1.3	−0.1	−1.2	−1.3	723.4	717.4	714.9	68	100	97	W 1	SW 3	N 1	10	10*	10	**8.3**	✳ ✣ 7½-n, ☄ II
21	−0.8	1.3	−1.0	−0.2	−0.3	719.8	722.4	725.9	78	**52**	62	NE 1	NE 2	NE 1	7	5	9	.	
22	−3.6	1.0	−4.8	−2.5	−2.7	727.7	728.4	729.1	70	66	81	NE 1	NE 1	NE 1	0	1	0	.	
23	−1.8	0.5	−0.7	−0.7	−0.9	728.0	729.0	731.2	76	100	68	W 1	E 0	NE 1	10	7	0	0.6	✳° 8-11
24	−5.1	−2.0	−5.4	−4.2	−4.4	732.3	733.1	733.7	90	79	92	NE 1	NE 1	NE 1	8	10	0	.	
25	**−6.8**	−0.7	1.0	−2.2	−2.5	**734.1**	733.5	733.1	100	83	84	NE 1	NE 1	NE 1	10≡	6	7	.	a ≡ ∨, p ≡°
26	−0.4	2.2	1.6	1.1	0.8	732.2	731.9	730.9	92	80	89	NE 0	E 0	NE 1	10	9	10	.	
27	0.3	0.6	0.0	0.3	−0.1	728.3	726.4	726.0	87	86	74	NE 0	NE 1	NE 1	10	10	10	.	
28	−1.3	0.7	−0.7	−0.4	−0.8	726.5	726.9	727.0	75	66	76	N 1	NE 0	NE 1	10	10	10	.	
29	−0.4	2.0	2.0	1.2	0.7	725.7	725.2	724.1	89	81	82	W 1	W 1	NW 1	10	9	9	.	✳° 7-8
30	1.7	3.4	2.5	2.5	2.0	722.8	722.9	725.2	87	83	96	W 1	SW 1	W 0	10	10	10	0.5	●° 13-III
31	2.6	6.1	6.0	4.9	4.3	727.1	728.0	729.7	96	79	82	W 1	W 1	W 1	10	10	10	.	●° III
Mittel	−0.5	2.0	0.5	0.7	—	723.9	723.7	724.4	85	80	81				8.7	8.2	7.3	Summe 29.6	

Januar 1923.
Beobachter: Frl. *H. Nager*.

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	2.9	3.9	2.5	3.1	3.0	**714.5**	718.2	723.5	98	89	83	S 0	E 0	SE 0	10	10●	9	1.4	● II
2	0.6	3.4	−1.1	1.0	1.0	727.4	727.1	725.7	80	46	66	S 0	E 0	SE 0	0	0	0	.	
3	−1.7	3.3	0.3	0.6	0.6	722.1	720.9	720.3	75	51	78	S 0	N 0	E 0	8	5	10	.	
4	0.4	3.2	1.1	1.6	1.6	720.9	721.7	722.9	83	70	94	E 0	E 0	E 0	10	10	10	.	
5	1.1	4.1	2.3	2.5	2.5	723.2	721.5	721.0	96	58	69	SE 0	NW 0	S 0	10	10	10	.	
6	−1.5	2.9	0.5	0.6	0.6	718.8	720.4	725.1	80	63	86	S 0	SE 0	NE 0	0	0	10	.	
7	0.7	3.7	0.9	1.8	1.8	727.5	727.0	727.0	93	68	81	S 0	NW 0	NE 0	10	3	10	.	
8	1.0	1.7	0.4	1.0	1.0	725.1	724.6	725 7	72	95	95	E 0	NW 0	NW 0	10	10●*	10●	**17.4**	p n ● ✳
9	1.9	**5.2**	2.4	3.2	3.2	726.8	727.4	727.4	99	95	100	NE 0	E-	NW 0	10	10●	10	.	●° II
10	1.5	**5.2**	1.8	2.8	2.8	725.3	723.2	721.0	83	55	89	SE 0	E 0	NW 0	8	9	10●	2.5	● III
11	0.8	4.0	0.7	1.8	1.8	718.8	718.3	718.9	100	**40**	95	SE 0	N 0	NW 0	10●*	10	10	1.1	● ✳ I, n ✳
12	0.7	1.2	0.7	0.9	0.9	715.8	717.2	718.9	79	85	84	NW 0	N 0	NW 0	10●	10*	10	0.9	a ●°, ✳° II
13	−0.3	2.1	0.4	0.7	0.7	721.6	723.2	726.7	81	64	69	E 0	NW 0	SE 0	10	10	10	.	
14	−0.3	1.0	−0.2	0.2	0.1	729.0	728.8	729.3	85	46	57	NW 0	E 0	E 0	10	4	10	1.3	n (14/18) ✳
15	−1.1	4.0	2.0	1.6	1.5	730.9	730.4	730.6	92	65	82	E 0	S 0	SE 0	10	6	10	0.3	
16	1.2	3.4	1.3	2.0	1.9	726.0	723 0	723.3	87	60	86	E 0	SW 3–4	NE 1–2	10●*	10●	10*	10.7	●° ✳° n–I, ●, p ⸗, ✳ III–n
17	−5.3	0.2	−2.3	−2.5	−2.6	725.8	726.4	728.5	76	55	70	SE 0	SW 0	SE 0	3	9	10	0.3	p ✳°
18	−4.8	−1.1	−5.1	−3.7	−3.8	729.5	729.2	731.0	65	56	68	SE 0	SE 0	E 0	10	9	0	.	
19	−5.4	−1.4	−6.4	−4.4	−4.6	732.7	733.5	732.5	65	50	55	SE 0	E 0	E 0	10	0	0	.	
20	−3.8	−1.4	−0.9	−2.0	−2.2	724.6	720.5	717.1	65	91	99	E 0	E 0	E 0	8	10*	10	13.7	✳ a–20
21	−0.4	0.3	−4.1	−1.4	−1.6	721.8	724.5	728.7	89	72	87	NW 1	W 0	NE 0	10	8	8	0.8	✳°
22	−6.0	−2.2	−8.0	−5.4	−5.7	731.0	731.6	731.9	57	50	70	E 0	W 0	NE 0	0	0	0	.	
23	−6.0	−0.1	−4.2	−3.4	−3.7	729.8	731.7	734.9	85	96	92	SE 0	E 0	E 0	10*	10*	2	8.2	✳ I–p
24	**−9.1**	−1.4	−6.0	−5.5	−5.9	735 8	735.9	736.9	93	59	89	SE 0	SE 0	SE 0	0	0	0	.	
25	−4.7	1.0	−4.0	−2.6	−3.0	736.8	**737.2**	736.2	95	70	90	SE 0	SE 0	SE 0	7	10	0	.	
26	−3.7	1.2	−0.5	−1.0	−1.5	735.3	735.2	734.2	93	60	77	SE 0	SE 0	SE 0	10	10	10	.	
27	−1.9	0.3	−2.1	−1.2	−1.7	731.5	729.3	728.9	82	68	80	SW 0	SW 0	E 0	10	10	10	.	
28	−3.2	0.1	−2.9	−2.0	−2.6	729.6	729.9	729.9	75	55	73	S 0	S 0	S 0	10	10≡	10≡	.	p ≡
29	−6.2	0.7	0.2	−1.8	−2.4	728.3	727.5	726.7	86	82	90	SE 0	E 0	SE 0	5	10*	10	1.3	✳ II
30	1.4	3.0	1.2	1.9	1.2	725.5	725.0	728.0	93	84	100	E 0	E 0	NE 0	10●*	10	10	2.5	a ● ✳
31	1.9	2.6	1.6	2.0	1.3	729.4	731.0	732.0	100	95	100	NE 0	E 0	SW 0	10	10●	10●	7.4	p ●
																		Summe	
Mittel	−1.6	1.8	−0.9	−0.2	—	726.5	726.5	727.2	84	68	82				8.0	7.2	7.7	69.8	

Januar 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$. $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$.

1	3.4	5.8	3.8	4.4	4.6	**719.5**	723.0	728.3	87	75	77	SW 0	SW 0	SW 0	9	8	9	.	△° 15
2	0.4	4.3	−0.8	2.0	2.2	731.6	731.8	730.6	86	65	89	SE 0	NNE 1	NNE 1	0	0	0	.	
3	−0.5	3.4	1.6	1.2	1.5	727.2	725.2	725.3	91	70	98	NE 0	NE 0	SW 0	8	10	10●	4.7	● III–n
4	1.7	3.2	3.8	2.7	3.0	725.0	725.7	726.7	96	92	88	S 0	SSW 0	NNE 1	10	10	9	.	≡ 10
5	3.5	4.5	1.6	3.4	3.7	727.4	726.5	725.6	90	76	89	NNE 1	NNE 1	NNE 1	10	9	9	0.2	●°
6	−1.6	3.2	1.1	0.8	1.1	723.7	725.1	729.3	92	81	89	SE 0	SSW 0	SW 1	9	1	10●	0.5	△° 9, ●° III–n
7	1.0	3.2	2.7	2.2	2.5	732.5	732.3	732.0	92	90	88	SE 0	SE 0	SE 0	10≡	10≡	10	.	≡²
8	2.2	3.0	3.3	2.7	3.0	730.6	730.2	730.7	89	93	97	NW 0	SW 0	NW 0	10	10●	10	**5.2**	● ✳
9	3.0	6.0	5.1	4.5	4 8	731.6	732.3	733.0	97	88	92	SW 0	SW 0	NNE 0	10≡	10	0	0.2	≡ I, ●° 18
10	3.2	6.2	5.1	4.6	4.9	731.1	728.7	725 8	87	80	80	W 0	W 1	SW 1	10	9	10●	4.8	● ✳ III–n
11	0.8	3.6	1.2	2.4	2.7	723.6	722.3	723.1	96	77	83	W 1	SW 1	NNE 1	6	6	1	.	
12	1.6	3.0	2.0	2.1	2.4	721.2	719.7	721.4	74	58	65	NNE 3	NNE 4	NNE 4	10	9	7	.	⸗
13	1.6	2.6	1.7	1.9	2.2	724.2	726.3	730.8	72	**57**	72	NNE 4	NNE 4	NNE 3	10	3	0	.	⸗
14	−0.3	1.2	0.0	0.4	0.7	733.3	733.8	735.0	74	77	82	NNE 3	NNE 1	NNE 1	1	9	10	0.2	⸗ I, ✳° 22
15	−0.8	2.0	0.0	0.4	0.7	736.6	737.0	736.9	89	73	89	W 0	NNW 0	NNE 0	9	6	0	0.1	
16	1.2	3.7	2.9	2.0	2.3	734.0	731.0	728.8	79	75	81	SW 0	SE 1	NNE 1	10	9	10	0.3	✳° 19
17	−0.2	0.6	−0.3	0.3	0.5	728.5	728.8	731.2	72	68	72	NNE 4	NNE 3	NNE 3	0	1	9	.	⸗ I, ⸗
18	−4.7	0.4	−1.6	−1.6	−1.4	733.3	732.4	734.3	74	65	61	SE 0	NNE 2	NNE 2	9	3	0	.	p n ⸗
19	−3.6	−0.4	−2.5	−2.1	−1.9	736.5	736.7	737.4	66	63	66	NNE 2	NNE 3	NNE 0	2	0	0	.	⸗ n–II
20	−3.0	−2.4	−0.6	−2.6	−2.5	731.8	726.8	723 0	68	92	89	NNE 1	W 0	SE 0	10	10*	10*	3 9	✳ 8–22
21	1.0	2.2	0.6	0.9	1.0	726.6	727.7	731.7	76	63	69	NNE 2	NNE 4	NNE 4	9	1	0	.	a ⸗, p ⸗
22	−5.6	0.6	−4.8	−2.3	−2.2	735.0	735.3	737.2	75	67	72	NNE 0	NNE 1	NNE 0	1	0	0	.	
23	−5.2	−0.2	1.6	−2.0	−2.0	736.1	735.5	736.9	81	67	71	SE 0	NNE 1	NNE 3	10	3	0	.	⸗ III
24	−2.6	0.6	−3.5	−1.4	−1.4	739.0	740.3	741.1	83	63	87	NNE 1	NNE 1	SW 0	1	3	0	.	
25	**−6.8**	0.0	−1.0	−2.9	−3.0	**742.0**	740.8	740.6	92	74	84	S 0	NNE 1	NNE 0	0	0	8	.	
26	−3.0	1.6	1.5	−0.5	−0.6	740.0	739.3	738.5	83	89	83	E 0	SE 0	W 0	10	10	10	.	
27	−0.2	1.4	1.1	0.6	0.5	735.7	733.7	733.4	85	85	81	SE 0	NNE 0	NNW 1	10	10	10	.	
28	0.0	0.4	0.2	0.3	0.1	733.7	734.3	734.2	78	58	67	NNE 1	NNE 1	NNE 1	10	10	10	.	
29	−2.0	0.6	0.3	−0.3	−0.6	734.0	733.5	732.1	74	74	82	NNE 0	E 0	NE 0	10	10	9	0.2	✣ ✳° 9
30	0.4	4.8	2.6	2.4	2.1	730.9	730.6	732.9	89	78	93	SW 0	NW 0	NW 0	10	10	9	0.3	●°
31	1.6	**9.0**	5.4	4.3	3.9	735.3	736.0	737.4	87	67	89	SW 0	W 0	SE 0	9	5	9	.	
																		Summe	
Mittel	−0.4	2.5	1.1	1.0	—	731.3	731.1	731.8	83	74	82				7.6	6.3	6.1	20.6	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen — Die Beobachtungstermine sind 7^{h30}, 13^{h30} u. 21^{h30}.

$\lambda = 8^{\circ}\,33'$. $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$

Zürich.

Januar 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	2.6	5.2	3.0	3.6	4.9	**711.5**	715 0	720.2	91	68	81	SE 0	S 1	E 0	10	3	10	0.1	
2	1.9	4.3	−0.6	1.9	3.3	723.9	723.4	722.8	90	73	95	NW 0	NE 1	N 1	5	8	0	.	
3	−2.0	3.1	2.1	1.1	2.5	718.8	717.5	717.1	80	65	78	S 0	SE 0	NE 1	4	9	10	2.2	a ≡°, ●° 17¾–18
4	0.7	2.6	2.0	1.8	3.2	717.5	718.3	719.8	98	92	95	N 0	E 0	NE 0	10●	10	10	1.3	● 1–12, ≡`, ●° 16¾–19½
5	2.2	2.4	2.0	2.2	3.6	720.1	719.0	717.8	92	88	89	E 1	NE 0	NE 0	10	10	10	.	a ≡ᵕ
6	−1.8	2.0	−0.8	−0.2	1.2	716.1	717.3	721.7	95	80	98	SE 0	NW 1	NW 0	2	2	10≡	.	≡° I, III–n, ≡ 8–10
7	−0.4	2.8	1.4	1.3	2.7	724.1	723.9	723.5	95	76	87	N 0	NW 1	W 0	10	9	10	.	a ≡°, ✶° 8-12, ●ᵕ 13-13¼
8	2.6	1.6	3.1	2.4	3.9	721.9	721.5	722.0	75	92	96	SW 1	S 1	NW 1	10	10*	10●	**11.8**	● 7–n, ✶° 9–16
9	3.0	5.8	5.5	4.8	6.3	723 0	723.5	723.7	99	81	75	S 0	SW 1	SW 1	10	9	10	0.1	● n–3, a ≡°
10	4.2	6.6	3 4	4 7	6 2	721.6	719 8	717.1	70	63	82	W 1	SW 2	SW 1	10	9	10●	3.0	⌿ ⊕ II, ● 21–n, n ✶
11	0.1	2.0	−0.4	0.6	2.1	715.5	714.9	715.7	95	83	95	W 0	NW 1	NE 0	5	10	10	.	
12	−0.6	0.0	−0.5	−0.4	1.1	715.3	714.8	716.5	87	85	78	N 1	N 1	N 1	10	10*	10*	1.6	✶ᵕ n-10, ✶-15, ✶°–n,
13	−1.0	1.0	−3.4	−1.1	0 4	719 0	720.8	724.0	93	75	86	NE 1	NE 0	NE 1	10*	9	6	2.1	✶ n–10½, a ✶ᵕ [≡°
14	−5.3	1.5	−1.7	−1.8	−0.3	725.8	725.7	726.2	91	**62**	86	NE 1	S 0	SW 1	1	4	10*	1.3	✶ 21–22
15	0.2	2.4	1.0	1.2	2.7	727.0	727.1	726.8	81	75	70	NW 1	NW 1	W 1	10	10	5	0.1	n (15/16) ⌿
16	2.0	2.2	−1.2	1.0	2.4	722 9	720.4	721.0	77	84	92	SW 2	W 2	NW 0	10	10	10	4.3	⌿ n-p, ●° ✶° 7–11, ✶
17	−4.0	−1.2	−2.4	−2.5	−1.1	722.7	723.1	725.2	84	75	81	NE 0	NW 1	NE 0	8	10*	10	0.4	≡° n-10, ✶°-n [11¾-17
18	−3.2	−0.8	−4.4	−2.8	−1.4	725 7	725.6	727.8	81	64	90	NE 0	NE 1	E 0	10	6	7	0.1	✶° 15–16
19	−7.1	−1.4	−7.0	−5.2	−3.8	729.5	730.0	729.1	90	64	91	NE 1	SE 1	SE 0	1	1	0	.	
20	−3.3	−0.2	0.0	−1.2	0.2	721.9	716.0	714 7	66	85	93	W 1	SW 1	NW 1	10	10*	10*	10.1	✶ ⊹ 8–n
21	−0.8	1.0	−1.8	−0.5	0.8	719.4	722.2	726.0	95	69	75	NW 1	N 1	NE 1	10*	8	10	0.5	✶° n–8½
22	**−8.7**	−1.2	−7.6	−5.8	−4.5	727.8	728.3	**728.0**	92	74	94	E 0	NW 1	E 0	0	0	3	0.4	≡ 7¾–11¾, ≡°–p
23	−2.7	0.0	−4.8	−2.5	−1.2	726.3	728.6	731.7	76	81	95	W 1	SE 1	SE 0	10	10	10	.	●° 7-l, △°-7¾, ✶°-10¾,
24	−5.2	−1.0	−4.1	−3.4	−2.2	732.0	732.4	**733.4**	95	75	91	SE 0	NW 1	NW 0	10	8	10	.	p ≡° [a ≡°, ≡² 23
25	−5.9	0.6	−2.0	−2.4	−1.2	733.3	733.2	732.8	94	73	91	NW 0	NW 0	NW 0	10	9	9	.	≡ n–9, ≡°
26	−1.4	2.0	0.5	0.4	1.5	731.8	731.4	730.9	95	80	90	NW 0	NW 0	NW 0	10	10	10	.	a ≡ ✶°, p ≡°
27	0.3	1.3	0.4	0.7	1.8	727.8	725.9	725.2	91	79	81	NW 0	S 1	NW 1	10	10	10	.	
28	−1.1	1.0	−0.1	−0.1	0.9	725.9	726.3	726.5	81	64	74	NE 0	S 1	S 1	10	10	10	.	✶° 16–17
29	−0.2	2.0	2.4	1.4	2.4	724.4	723 9	722.8	82	84	73	S 1	S 1	SW 0	10	10	10	0.5	✶° 9–9½, p ≡°
30	3.0	3.6	2 4	3.0	3.9	721.4	722.0	724.3	81	79	98	SW 1	SW 1	W 0	10●	10	10●	1.9	●° n-p, ● 20¼–22½
31	3.2	5.8	**6.7**	5.2	6.1	725.5	726.6	728.1	95	78	75	S 0	W 1	SW 1	10	10	10	0.5	●° a–17
																		Summa	
Mittel	−0.9	1.8	−0.2	0.2	—	723.2	723.5	724.0	87	76	86				8.3	8.2	8 7	42.3	

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

Januar 1923.
Beobachter: Frau *Küttel-Steffen.*

1	−5.8	−4 2	−6.4	−5.5	−1.0	**604 5**	609.7	611.7	90	90	90	W 2	W 2	W 0	10≡	5	5	.	≡ I
2	−7.2	**1.1**	−3.2	−3.1	1.4	615.1	615.1	614.9	90	52	**18**	SE 0	E 0	E 0	0	0	0	.	
3	−2.8	−0.4	−3.6	−2.3	2.2	612.6	611.0	610.7	44	46	59	W 1	W 1	W 0	3	7	10	5.5	n (¾) ✶
4	−5.4	−3.1	−4.8	−4.3	0.2	610.1	610.4	611.5	95	93	92	W 0	W 0	W 0	10≡	10	10≡	1.5	≡, ≡° II, n ✶
5	−6.0	−4.2	−3.3	−4.6	−0.1	611.5	610.8	610.4	90	72	64	E 0	W 1	NW 1	10≡	10	10≡	.	≡, ≡° II
6	−2.6	0.1	−1.3	−1.3	3.2	609.6	610.0	613.2	48	52	74	N 0	W 0	W 1	0	0	10	.	
7	−6.8	−2.1	−5.4	−4.8	−0.2	615.5	615.3	615.1	89	86	70	W 0	S 1	SW 0	5	0	10	.	≡° III
8	−3 4	−0.9	−1.2	−1.8	2.8	614.3	613.9	614.5	35	76	95	W 2	W 4	W 1	10	10≡	10≡	14.7	⌿ II, p n ≡ ✶
9	−3.3	−0.4	−2.3	−2.0	2.6	615.1	616.1	616.3	95	95	95	W 0	W 0	W 1	10≡	10	10≡	.	≡, ≡° II
10	−4.0	−0.2	−5.0	−3.1	1.5	614.3	612.8	610.5	95	94	95	W 2	W 4	W 1	10	10	10*≡	18.2	≡° I, ⌿ II, ✶ ≡ III–n
11	−7.8	−5.1	−9.0	−7.3	−2.7	607.8	607.1	607.6	95	93	95	W 2	W 1	W 0	10≡	10	10≡	1.3	≡ ✶, ≡° II
12	−9.4	−5.2	−9.2	−7.9	−3.3	606.4	605.9	606.4	94	94	93	E 0	E 0	W 2	10≡	10≡	10*≡	7.6	≡, ✶ III–n
13	−10.0	−7.6	−10.8	−9.5	−4.9	608.8	610.8	613.8	94	93	90	E 1	E 0	E 0	10≡	10≡	10≡	2.2	≡ ✶
14	−12.3	−8.4	−11.2	−10.6	−6.0	614.6	615.1	616.1	93	94	94	E 0	E 0	E 1	0	7	10	.	
15	−5.0	−3.4	−7.3	−5.2	−0.6	617.6	617.6	617.6	92	92	92	W 2	W 4	W 4	10≡	10≡	10≡	8.2	≡, p n ⌿ ✶
16	−7.0	−6.4	−9.2	−7.5	−2.9	614.3	611.9	611.5	92	90	90	W 3	W 4	W 0	10≡	10	10≡	20.1	⌿ n-II, ≡ I, III, ✶
17	−13.4	−9.2	−12.0	−11.5	−6.9	611.6	612.1	613.9	92	93	90	W 1	W 0	W 0	10	10≡	10≡	1.8	p ≡, n ✶
18	−12.3	−11.9	−13.4	−12.5	−7.9	614.1	614.0	615.7	90	90	90	W 0	W 0	W 0	10	10	10≡	.	≡°, ≡ III
19	**−14 3**	−8.4	−12.2	−11.6	−7.0	615.7	617.6	617.5	90	92	90	E 0	E 1	E 0	5	0	0	.	
20	−8.2	−7.3	−7.2	−7.6	−3.0	612.8	607.7	606.0	90	90	90	W 2	W 4	W 4	10●	10≡	10*≡	**34 8**	● I, p n ≡ ✶²
21	−9.2	−7.4	−10.2	−8.9	−4.3	610.0	611.9	613 8	90	90	90	E 2	E 1	E 0	10≡	0	10	3.4	≡ I, p ✶ ≡°
22	−12.3	−9.7	−7.3	−9.8	−5.2	616.0	616.0	617.8	90	90	90	E 0	E 0	E 0	0	0	0	.	
23	−7.4	−5.7	−9.3	−7.5	−2.9	616.8	618.0	620.0	90	91	90	W 4	W 0	E 0	10*≡	10≡	10	5.1	⌿ I, a ✶, ≡, ≡° III
24	−9.4	−5.3	−6.4	−7.0	−2.4	620.8	622.7	**624.0**	90	90	90	E 0	E 0	E 0	0	0	0	.	
25	−6.2	−3.4	−3.2	−4.3	0.3	**624.0**	623.2	622.8	90	89	90	E 1	E 0	E 0	0	0	0	.	
26	−3 2	−1.0	−3.2	−2.5	2.0	621.8	621.7	621.7	70	72	70	E 1	S 0	E 0	0	0	0	.	
27	−5.0	−2.1	−4.3	−3.8	0.7	618.9	617.6	616.7	70	70	70	S 0	S 0	S 0	0	0	0	.	
28	−7.0	−4.2	−3.3	−4.8	−0.3	615.8	615.8	616.5	70	79	86	S 0	S 0	E 0	0	0	5	.	
29	−3.4	−5.2	−5.4	−4.7	−0.2	616.2	615.4	615.5	87	90	85	NW 1	W 3	W 2	10	10≡	10≡	6.8	≡° I, ≡, ⌿ II, n ✶
30	−5.0	−3.7	−3.0	−3.9	0.6	613.8	615.1	616.4	85	87	87	W 3	W 4	W 0	10*	10≡	10*≡	9.2	≡° I, ≡, ⌿ n-II, ✶ I,
31	−2.2	−1.4	−0.4	−1.3	3.2	617.8	619.0	620.3	87	88	90	W 1	W 4	W 1	10≡	10≡	10≡	9 2	≡, ⌿ II, p ✶ [III–n
																		Summe	
Mittel	−7.0	−4.4	−6.3	−5.9	—	614.1	614.2	614.9	84	84	84				6.5	6.1	7.4	149.6	

Januar 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$,
$H_b = 1707.6^{m}$, $G = -0.12\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	-10.2	-3.5	-6.0	-6.6	3.5	**611.0**	613.3	618.1	90	81	90	S 0	N 0	W 0	10	10*	10	3.8	✳ 8-15½
2	-9.2	-10.5	-20.5	-13.4	-3.3	622.5	622.6	623.1	78	66	77	W 0	W 0	E 0	7	0	0	.	
3	-22.7	-6.6	-10.1	-13.1	-2.9	621.0	618.6	617.3	78	57	89	W 0	W 0	S 0	1	9	9	.	☔ 20
4	-12.8	-4.3	-13.7	-10.3	-0.1	616.5	616.5	618.5	91	71	90	SW 0	SW 0	N 0	9	9	5	.	✳° 9¼-12
5	-13.8	-7.6	-14.6	-12 0	-1.8	618.4	617.4	617.4	88	72	88	SE 0	SW 0	SW 1	9	1	1	.	
6	-12.8	-2.4	-5.4	-6.9	3.4	615.8	616.2	618.8	91	68	93	SW 0	E 0	SE 0	5	9	10	.	
7	-6.6	-2.9	-11.6	-7.0	3.3	621.3	621.3	622 2	93	75	84	E 0	SW 0	W 0	9	1	5	.	
8	-9.0	-2.3	-4.6	-5.3	5.0	621.2	620.4	620.5	87	72	94	SW 0	NE 0	N 0	10	10	6	0.2	✳° 9¼-n, n △°
9	-4.4	-2.1	-8.6	-5.0	5.3	621.0	621.7	622.6	95	75	89	SW 0	W 0	NE 0	7	3	0	.	
10	-15.7	-6.5	-15.5	-12.6	-2.3	621.1	618.8	616.7	87	65	81	W 0	SW 0	N 0	4	9	0	0.5	n (10/11) ✳°
11	-11.0	-5.8	-7.5	-8.1	2.2	614.0	612.6	612.7	87	72	92	W 0	N 0	N 1	9	10	10*	3.8	✳
12	-8.3	-5.0	-11.7	-8.3	2.0	611.3	**611.0**	612.3	86	59	74	N 0	W 0	E 0	10*	10*	8	0.4	✳° n-14
13	-11.7	-6.1	-13.6	-10.5	-0.2	614.4	616.3	619.7	83	58	80	E 0	W 0	E 0	7	6	2	.	✳° 11¼, 16¼
14	-20.8	-13.0	-12.1	-15.3	-5.0	621.3	621.6	621.9	78	66	71	N 0	W 0	N 0	1	1	10	1.1	✳ 22-n
15	-3.0	**-0 8**	-4 0	-2.6	7.6	621.8	621.8	622.2	64	**48**	53	W 1	W 1	W 1	9	4	1	.	☄ ☩, ☄ ✳° 16-III, n ☄
16	-4 5	-4.6	-8.9	-6.0	4 2	617.7	614.4	615.2	61	77	64	W 1	SW 1	S 0	10	10*	10	**3.9**	✳ 7¾-21, p ☩, ✳ ☄
17	-11.6	-9.2	-16.3	-12.4	-2 3	616.9	616.8	620.2	60	52	63	NW 1	NW 1	S 0	9	5	1	.	[23-n
18	-24.0	-11.5	-20.6	-18.7	-8.7	620.0	619.4	621.8	80	65	73	E 0	N 0	SW 0	1	6	1	.	
19	-23.7	-10.6	-22.7	-19.0	-9.0	621.9	624.2	624.5	80	52	75	W 0	NE 1	W 0	1	1	0	.	
20	-16.8	-5 8	-5.7	-9.4	0.5	619.0	614.0	611.2	78	70	89	SW 0	S 0	NE 0	10	10*	10*	.	✳° 7¾-10, 13-15, 21-n
21	-8.3	-4.4	-16.3	-9.7	0.1	615.2	618.2	621.9	77	54	78	N 1	N 0	S 1	10	9	0	.	
22	**-25.2**	-15.1	-20.6	-20.3	-10.6	624.0	624.6	625.5	78	65	75	SW 0	E 0	SW 0	0	0	0	.	
23	-15.6	-4.0	-13.6	-11.1	-1.5	622.4	622.4	626.6	77	70	68	W 0	N 1	SW 0	10	9*	1	0.5	✳° 10-11, ☄ ✳° ☩
24	-22.8	-10.0	-12.7	-15.2	-5.7	628.4	628.5	**631.1**	80	61	71	W 0	SW 0	S 0	1	1	9	.	[15¾-16½, n △°
25	-13 4	-1.1	-8.7	-7.7	1.8	630.8	629.4	629.8	82	61	95	S 0	NE 0	W 0	1	6	5	.	
26	-11.7	-3.6	-12.1	-9.1	0.3	629.7	628.5	628.4	95	72	87	W 0	W 0	W 0	1	0	0	.	
27	-17.2	-6.0	-14 4	-12.5	-3.2	625.9	623.5	623.2	88	63	78	W 0	N 0	W 0	0	0	0	.	
28	-19.5	-5.6	-13.8	-13.0	-3 8	622.1	622.0	623.8	78	54	64	SW 0	S 0	SW 0	0	0	1	.	
29	-16.2	-5.3	-4.4	-8.6	0.5	622.4	620.5	620.6	90	64	78	SW 0	S 0	N 0	2	8	9	.	✳° 18-n
30	-7.6	-1.3	-1.1	-3.3	5.7	619.7	619.4	621.9	88	72	73	N 0	N 0	N 0	10	9	8	.	✳° 8-p, n △°
31	-4.4	-1.8	-2.9	-3.0	5.9	623.5	623.8	625.4	86	73	90	N 1	N 1	N 0	7	10*	8	1.1	✳ II
																		Summe	
Mittel	-13.4	-5.8	-11.4	-10.2	—	620.4	620.0	621.1	82	66	80				5.8	5.7	4.5	15.3	

Januar 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$H_b = 541\,8^{m}$, $G = 0.00\,{}^{m}/_{m}$.

1	0 5	2.8	1.8	1.7	2.9	**707 0**	710.3	715.5	100	90	87	NE 0	W 0-1	NE 0-1	10	9	10	.	≡° n-II
2	-2.4	-0.2	-3.4	-2.0	-0.8	720.3	719.8	719.4	65	49	67	NE 0	E 0	NE 0-1	4	0	0	.	
3	-4.0	1.2	-1.3	-1.4	-0.2	716.1	713.6	712.5	58	46	68	NE 0	NE 0-1	NE 0	1	6	10	.	≡° III-n
4	-1.4	2.8	0.0	0.5	1.7	712.9	712.5	714.3	76	51	73	NE 0	NE 0-1	NE 0	10	4	2	.	≡° I
5	-4.8	0.0	-2.3	-2.4	-1 2	715.5	713.8	713.7	93	59	74	NE 0	NE 0	NE 0	0	0	0	.	
6	-5.4	-0.5	-0.9	-2.3	-1.1	711.1	711.9	716.5	91	65	76	NE 0	W 0-1	NE 0	0	3	10	:	
7	-3.3	0.6	-1.8	-1.5	-0.2	720.1	719.1	719.8	90	57	77	NE 0	SW 0	NE 0	2	5	10	.	
8	-1.2	2.8	0.7	0.8	2.1	718.4	717.7	718.2	100	100	71	NE 0-1	NE 0	NE 0	10	10	10	0.3	✳ 14-16, p ≡°
9	0.8	4.4	0 4	1.9	3.1	718.8	720.0	720.7	100	71	96	NE 0	NW 0	SW 0	10	10	0	.	≡° n-p
10	-0.6	3.4	0.4	1.1	2.3	719.2	716.5	713.2	100	69	97	NE 0	NE 0	NW 0	9	10	10*	**7.0**	✳ III-n
11	0 2	2.2	-1.2	0.4	1.6	710.5	709.4	709.8	95	88	83	NE 0	SW 0	NE 0	10	9	10	0.5	✳° 8-11, p ≡°
12	-1.6	0.4	-2.2	-1.1	0.1	708.1	**707 0**	708.9	95	67	88	NE 0	NE 0	NE 0	10	8	10	.	≡° I, III
13	-2.4	1.4	-1.4	-0.8	0.4	711.6	713 5	717.5	90	56	76	NE 0	NE 0	NE 0	10	4	7	.	≡° I
14	-3.5	-0.9	-2.0	-2.1	-0.9	720.3	720.3	722.4	65	52	66	NE 0	NE 0	NE 0	7	4	10	2.4	≡° III, n ✳
15	-2.8	2.2	0.0	0.2	1.3	723.3	722.6	722.3	100	68	70	S 0	NE 0	W 0	10	5	10	.	
16	1.4	3.4	2.2	2.3	3.4	719.4	715.6	713.8	79	73	70	W 1	SW 4	W 0-1	10	7	3	.	≡° I, ☄ II
17	-4.0	-1.5	-5.0	-3.5	-2.5	715.4	715.1	718.9	54	47	54	NE 0	NE 1	NE 0	0	0	0	.	
18	-8 8	-6.0	-7.6	-7.5	-6.6	720.5	718.9	722.3	59	52	60	NE 0-1	NE 0-1	NE 0	0	0	0	.	
19	**-11.2**	-6.1	-8.4	-8.6	-7.7	723.2	724.1	724.8	76	46	64	NE 0	NE 0	NE 0	1	0	2	.	
20	-7.5	-6.4	-5.6	-6.5	-5.7	719.4	714.9	709.5	63	87	100	NE 0	NE 1	NW 0	10	10*	10	4.3	p ✳
21	-3.8	2.0	-2.4	-1.4	-0.7	712.8	715.1	719.9	100	61	82	NE 0	W 0	NE 0	10	8	10	.	
22	-9.0	-3.9	-7.2	-6.7	-6.0	722.5	722.7	724.5	82	49	76	NE 0	NE 0	NE 0	0	0	0	.	
23	-9.4	0.2	-4.4	-4.5	-3.9	723.4	721.8	724.7	97	**44**	71	NE 0	W 0	NE 0	8	6	10	.	
24	-8.4	-2.2	-4.6	-5.1	-4.5	727.0	727.2	728.1	83	45	68	NE 0	NE 0	NE 0	1	0	2	.	
25	-5.4	-0.2	-4.5	-3.4	-2.9	**728.2**	726.9	727.9	71	50	90	NE 0	NW 0	NE 0	1	0	0	.	
26	-7.2	-1.4	-4.5	-4.4	-4.0	726.4	725.8	725.8	100	65	92	NE 0	NE 0	NE 0	0	0	0	.	
27	-6.6	-1.1	-3.7	-3.8	-3.5	723.0	720.2	720.4	100	58	95	NE 0	NW 0	NE 0-1	0	0	0	.	
28	-6.6	-2.0	-4.3	-4.3	-4.0	721.2	721.2	722.3	97	76	91	NE 0-1	NE 0	NE 0-1	10	10	10	.	≡°
29	-8.2	-3.6	-4.9	-5.6	-5.4	721.7	720.3	719.3	100	70	82	NW 0	N 0	NE 0	10≈	10	1	.	≡ I
30	-3.6	2.4	0.6	-0.2	-0.1	718.6	718.0	720 0	87	67	94	NE 0	NE 0	NE 0	10	10	10	.	
31	0.9	**4.8**	3.2	-3.0	3.0	722.5	722.7	723.7	100	66	87	N 0	S 1	NE 0	10	10	1	.	≡° I
																		Summe	
Mittel	-4.2	0.0	-2.4	-2.2	—	718.7	718.0	719.0	86	63	79				5.9	5.1	5.4	14.5	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

Januar 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	1.8	3.2	1.6	2 2	0.9	730.0	732.9	734.8	83	79	83	N	0	NW	0	N	0	10●	10	10	.	●° I
2	0.2	7.0	1.0	2.7	1.4	741.1	741.8	741.6	60	40	75	NW	0	SSW	0	N	0	0	0	0	.	
3	−0.6	5.4	1.8	2.2	0.9	740.1	738.3	736.1	63	41	71	N	0	N	0	N	0	8	7	10	.	
4	1.4	6.0	1.4	2.9	1.6	734.9	735.0	735.9	73	42	75	N	0	N	0	N	0	10	10	10	.	
5	1.0	6.0	2.0	3.0	1.8	737.2	737 4	736.2	80	53	81	N	0	W	0	N	0	10	10	6	.	
6	2.0	4.4	2 2	2.9	1.7	735.9	735.4	737 2	82	71	79	N	0	E	0	N	0	10	10	10	.	
7	2.0	6.2	1.8	3 3	2.1	739.7	740.4	741.4	75	58	70	N	0	N	0	N	0	10	8	0	.	
8	1.8	7.4	1.8	3.7	2.5	741.5	740.5	739.9	70	49	76	N	0	W	0	N	0	10	8	0	.	
9	1.8	6.0	0.8	2 9	1.7	740.0	740.3	741.3	81	52	79	N	0	N	0	N	0	6	1	0	.	
10	−1.4	4.4	0.8	1.3	0.1	740.5	738.7	736.8	82	59	78	N	0	W	0	NW	0	0	8	0	.	
11	0.4	4.2	2.0	2.2	1.0	733.1	731.1	729.6	71	61	68	N	0	N	0	N	0	1	8	10	.	⌿ 22½-n
12	6.2	7.0	2.6	5.3	4.1	726.8	**726 5**	729.1	50	35	69	NE	2	NE	2	N	0	10	10	10	.	⌿ n–16½
13	2.2	4.0	1.0	2.4	1.2	732.5	734.9	738.2	80	65	64	S	0	S	0	N	0	10	10	0	.	
14	−1.4	5.2	1.4	1.7	0.5	742.1	742.3	742.7	43	30	68	N	0	SE	0	N	0	0	0	0	.	
15	−3.0	4.2	10.2	3 8	2.5	742.1	740 2	738.4	71	50	28	N	0	W	0	N	1	0	0	0	.	
16	10.4	**11.8**	4.0	8.7	7.4	734.7	731.7	733.5	30	28	33	NE	0	NE	2	NE	1	0	0	0	.	⌿ 9½-17½
17	1.8	5.0	1.2	2.7	1.4	737.8	737.5	739.7	36	31	34	N	0	NE	1	NE	1	0	0	0	.	
18	−1.2	4.4	1.8	1.7	0.4	739.7	739 3	740.2	39	31	29	N	0	NE	3	NE	1	0	0	0	.	⌿, ⌿ III–n
19	4.0	4.8	0.0	2.9	1.5	741.0	743.4	741.4	26	**20**	49	NNE	4	NNE	2	N	0	0	0	0	.	⌿ n–I, ⌿–II
20	−1.6	4.0	1.8	1.4	0.0	738.8	734.0	730.7	55	40	57	N	0	SSW	0	N	0	10	10	0	.	
21	−2.4	5.2	0.0	2.5	1.1	732.3	736.3	740.8	63	51	59	N	0	SSW	0	N	0	10	10	0	.	
22	−2.5	4.6	−0.6	0.5	−1.0	745.4	747.6	745.9	62	47	69	N	0	SW	0	N	0	0	0	0	.	
23	**−3.5**	4.0	2.1	0.9	−0.6	742.2	741.4	745 1	73	41	38	N	0	S	0	NE	0	3	0	0	.	
24	−2.4	4.6	0.8	1.0	−0.6	749.6	749.5	747.7	65	48	66	N	0	S	0	N	0	0	2	0	.	
25	−0.2	6.8	1.0	2.5	0.9	749.0	748.3	745.3	72	53	65	N	0	S	0	N	0	2	0	6	.	
26	0.4	8.4	1.8	3.5	1.8	**750 6**	748.1	747.6	76	50	69	N	0	S	0	N	0	0	0	0	.	
27	−1.4	6.2	0.8	1.9	0.2	745.4	742.5	741.2	89	62	84	N	0	S	0	N	0	0	0	0	.	⌞° I
28	−2.6	5.2	0.8	1.1	−0.7	739.7	739.4	740.1	85	66	79	N	0	S	0	N	0	0	0	0	.	
29	−1.6	5.4	1.0	1.6	−0.2	742.3	740.4	738.0	89	64	79	N	0	S	0	N	0	6≡	4	6	.	≡ ⌞ I, ≡° III
30	0.4	8.6	1.2	3.4	1.5	737.3	736.3	739.0	77	41	73	N	0	S	0	N	0	5	2	0	.	
31	−0.2	5.8	1.0	2.2	0.2	744.2	743.2	742.7	82	63	85	N	0	S	0	N	0	0	0	0	.	⌞² I
																					Summe	
Mittel	0 5	5.7	1.7	2.6	—	739 6	739.2	739.3	67	49	66							4.3	4.1	2.5	0.0	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$.
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

Januar 1923.
Bernoullianum.

1	3.2	5.9	4.3	4.5	4 8	**730 2**	733.8	739.4	88	75	85	SE	0	NW	1	SW	1	9	8	10	0.1	●° 7–7¼, 16, 18¾–19
2	3.2	5.7	2.0	3.6	3.9	743.0	742.5	741.0	90	70	82	E	1	E	2	E	1	2	2	0	.	⌿ II
3	1.8	5.3	3.0	3.4	3.7	737.0	735.2	735.9	79	62	97	E	1	E	1	SE	0	10	10	10●	2.0	△° 7⅝, ●° 15¾–16, ●
4	3.2	4.5	3 6	3.8	4.1	736.2	737.2	739.2	97	97	97	SE	0	SE	0	SE	0	10	10●	10	3.0	● 7-19 [20½–1¾
5	3.6	3.4	3.4	3.5	3.8	739.3	738.0	736.7	99	98	98	NE	0	NE	0	E	0	10●≡	10	10	0.3	a ≡, ●° I–12, ≡°–II
6	−0.5	3.2	1.2	1.3	1.6	734.7	736.2	740.8	96	83	89	S	0	SE	0	SE	0	0	0	10	.	⌞ I
7	1.2	3.8	2.2	2 4	2 8	743 7	743.3	742.8	93	87	93	SE	1	SW	1	SE	1	10●	10	10	0.1	●° I, 12
8	2.0	3.4	3.8	3.1	3.5	740.9	740.1	741.0	93	93	95	E	1	SE	1	SE	0	10●	10●	10●	10.0	● I–2 I¾
9	4.2	6.8	6.4	5.8	6.2	742.1	742.2	743.3	97	85	76	SE	1	E	0	W	2	10	10	10	0.3	⌿ III
10	6.2	6.0	4.8	5.7	6.1	740.5	738.4	735.7	74	76	78	W	1	W	1	S	1	10	9	10	1.1	●° 4¾–5¼
11	2.2	3.6	1.4	2.4	2.8	734.2	733.6	734.7	91	81	93	NW	1	N	0	SE	1	10●	10	10	1.4	● 3½–3⅝, 7½–7⅝, △–9,
12	0.4	2.2	−0 6	0.7	1.1	734.7	734.2	736.3	96	82	84	NW	1	N	1	SW	1	10	10	10	.	[● ✳ 10½–11, ✳ 15–16¼
13	0.4	2.4	0.2	1.0	1.3	738.9	740.4	743.7	92	75	89	N	1	N	1	NW	1	10	10	10	.	✳ 16–16½
14	−1.4	0.4	0.1	−0.3	0.0	745.9	745.5	745.8	92	82	82	NW	1	NW	0	S	0	10	10	10*	0.8	✳° 20–23
15	1 0	3.8	4.0	2.9	3.2	746.5	746.7	746.7	85	87	67	SE	1	W	1	W	1	10	10	10	.	
16	3.8	4.8	−0.6	2.7	3.0	742.6	739.7	740.8	77	75	90	W	1	W	2	SW	1	10	10	1	1.2	⌿ II, ✳ 15–17½
17	−1.2	0.4	−0.8	−0.5	−0.2	742.6	743.0	745.2	89	76	85	SW	1	NE	1	NW	1	10	9	10	.	✳ n–I
18	−1.6	0.2	−2.8	−1.1	−0.9	745.9	745.5	747.8	92	78	91	W	1	N	1	NW	1	10	5	10	.	⌞ I
19	−3.4	−1.2	−4.0	−2 9	−2.7	750.4	750.3	748.8	88	63	77	E	1	E	1	SE	1	10	2	0	0.6	⌞ I
20	−3.4	0.4	1.4	−0.5	−0.3	740.8	734.3	733.7	86	92	89	E	1	E	1	W	1	10*	10	10	3.0	✳ 6½-8½, 11¾, ✳●*)
21	0 6	1.4	−0.4	0.5	0.7	739.3	742.3	745.7	86	74	80	N	1	NE	1	E	1	10	7	10	.	✳° 1–3¼
22	−5.8	−1.0	−3.4	−3 4	−3.3	748.1	748.0	747.8	91	75	85	SE	1	SE	1	SE	1	5	2	0	.	≡° ⌞ I
23	−3.0	2.8	−1.8	−0.7	−0.6	746.3	748.3	751.4	85	79	91	E	1	NE	1	NE	1	10	8	1	0.2	✳° 9–11
24	**−7 0**	−0.6	−3.6	−3.7	−3.6	751.9	752.3	**753.6**	92	81	87	SE	1	SE	1	SE	1	4	5	1	.	≡° ⌞ I
25	−6.4	1.2	0.8	−1.5	−1.5	753.5	753.0	752.6	92	72	82	SE	1	SE	1	SE	1	4	9	10	.	⌞ I
26	0.4	**2.0**	1.4	1.3	1.3	751.7	751.2	750.2	90	82	89	SE	1	E	0	E	0	10	10≡	10	.	≡ II
27	0.8	1.8	1.5	1.4	1.3	747.3	745.6	745.2	93	85	72	E	0	NW	0	W	2	10	10	10	.	≡° II, ⌿ III
28	0.6	3.5	1.6	1.9	1.8	745.8	745.6	745.9	76	**59**	79	SE	0	E	1	SE	0	10	10	10	.	✳° 20¼–21
29	1.2	5.4	3.4	3.3	3.1	743.7	743.0	742.2	93	73	80	SE	1	W	1	S	1	10	10	10	2.1	≡° I, ●° 15½
30	2.8	3.6	3.6	3.3	3.0	740.4	741.0	743.2	95	97	97	SE	1	SE	1	E	0	10●	10●	10●	**10.8**	● 3¼–22¼
31	4.0	7.5	**8.0**	6.5	6.1	744.9	745.6	747.4	97	82	86	NE	1	W	1	W	1	10≡	10	10	2.5	≡ n–9, ● 10½–12½
																					Summe	
Mittel	0.4	3.0	1.5	1.6	—	742.7	742.4	743 4	90	80	86							8.8	8.3	8,2	39.5	

*) **20.** 14⅝–15, ● 20–21¼, ● ✳ 23½–24¼

Januar 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$.
$H_b = 2500.1^m$. $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	-10.5	-10.0	-11.9	-10.8	-2.0	**551.3**	554.2	558.6	100	100	100	WSW 1	WSW 1	SW 0	10≡*	10≡*	10	8.8	✶ ≡ n-17½
2	-11.8	-9.8	-10.8	-10.8	-2.0	561.3	561.7	561.5	100	62	35	SW 0	ESE 0	SW 1	7	0	0	.	
3	-9.0	-6.4	-7.3	-7.6	1.2	559.2	558.1	557.3	35	100	100	S 2	SW 2	SSW 0	8	8	9	.	p ≡'-≡
4	-8.8	-8.5	-8.2	-8.5	0.3	556.5	557.1	558.3	100	60	100	SE 0	NE 0	N 0	10	10	4	2.0	✶ ≡ 16¼-19
5	-8.2	-6.2	-7.4	-7.3	1.6	558.4	557.8	557.0	85	64	78	NE 0	S 2	SSW 2	1	1	1	.	
6	-8.5	-8.0	-9.9	-8.8	0.1	555.8	556.7	559.5	90	92	100	S 0	SSW 0	SW 2	3	3	10≡	.	≡ 21-n
7	-10.4	-9.0	-9.8	-9.7	-0.8	561.2	561.2	561.0	100	95	91	W 1	SSW 1	SW 3	10	8	10	8.0	a ≡', ☄ III-n [☄-p
8	-8.0	-5.8	-5.4	-6.4	2.5	560.2	560.2	561.7	100	100	100	SW 5	SW 3	SSW 0	10≡*	10≡*	10≡*	57.2	≡ ✶² ✣ 4½-n, ☄ I,
9	-5.6	-8.0	-7.5	-7.0	2.0	561.9	562.1	562.1	100	100	100	SW 1	WSW 3	SSW 3	10≡	10≡	10≡*	16.9	≡, ☄ II, △ 16½, ✶ ☄
10	-8.4	-8.8	-10.4	-9.2	-0.2	559.9	557.9	555.9	100	100	100	SSW 2	SSW 3	WSW 2	10≡*	10≡*	10≡*	65.9	≡ ✶² ✣, ☄ II [✣-n
11	-12.5	-11.8	-14.2	-12.8	-3.8	553.5	552.9	553.4	100	100	100	NW 1	SW 1	WSW 0	10≡*	10≡	10	7.6	✶ n-10, ≡
12	-14.5	-13.8	-14.5	-14.3	-5.3	552.4	551.9	553.0	100	100	100	NNW 1	N 1	NNW 3	10≡*	10≡*	10≡*	37.8	≡ ✶² ✣, ☄ III
13	-15.0	-13.8	-15.7	-14.8	-5.8	554.7	556.4	558.6	100	100	100	NE 2	N 1	ENE 0	10≡*	10≡*	10≡	5.4	✶ ✣ n-16, ≡
14	-18.6	-15.2	-9.0	-14.3	-5.3	559.4	560.0	561.5	100	32	100	ENE 1	ENE 0	NW 3	0	6	10≡*	28.0	✶² ≡ ☄ 20-n
15	-10.7	-11.0	-12.5	-11.4	-2.4	562.5	561.9	561.5	100	100	100	NW 2	W 3	SW 3	10≡*	10≡*	10≡*	**115.9**	✶² ≡ ✣ ☄
16	-12.5	-12.0	-16.0	-13.5	-4.5	557.2	555.8	555.8	100	100	100	SSW 4	WSW 3	WSW 0	10≡*	10≡*	10≡*	52.8	☄ n-II, ≡ ✶² ✣
17	-18.6	-16.8	-17.6	-17.7	-8.7	556.1	556.9	558.9	100	100	100	N 2	N 1	N 0	10≡	10≡*	10≡*	15.9	≡, ✶ 9½-n
18	-19.1	-17.5	-19.0	-18.5	-9.5	558.6	558.6	559.9	100	100	100	N 0	ENE 0	NE 0	10≡	10≡*	10≡*	4.2	≡, ✶ 12-15½, 21-n
19	**20.8**	-19.0	-14.2	-18.0	-9.0	560.8	561.9	562.1	100	96	92	NE 1	NNE 1	WSW 0	10≡	0	0	22.4	≡ n-13¾
20	-10.8	-11.0	-13.4	-11.7	-2.6	557.3	552.4	552.0	100	100	100	SW 4	SW 4	WSW 1	10≡*	10≡*	10≡*	62.9	≡ ✶² ✣ 2½-n, ☄ n-p
21	-14.2	-14.2	-17.0	-15.1	-6.0	555.7	557.8	560.1	100	100	95	SE 0	ESE 0	ESE 0	10≡*	10≡*	0	12.0	≡ ✶ n-14
22	-13.4	-10.0	-8.4	-10.6	-1.5	561.7	563.4	564.5	90	16	100	N 1	NE 2	NNE 0	0	0	0	23.9	☄ 16½
23	-10.1	-11.8	-15.6	-12.5	-3.4	561.9	563.1	565.3	100	100	100	WSW 3	N 0	SSE 0	10*≡	10≡*	10≡*	38.3	a ✣, ✶² ≡ △ 2½-III
24	-9.5	-7.4	-3.8	-6.9	2.2	566.9	568.5	570.3	40	26	100	ENE 2	NW 2	WNW 1	3	4	9	.	Ψ ≡'-III
25	-2.6	-2.4	-4.5	-3.2	5.9	**570.5**	569.8	569.4	100	100	100	NW 0	WSW 1	SSW 0	10	6	0	.	≡' I, 16½
26	-5.8	**-2.2**	-3.6	-3.9	5.2	568.9	568.3	568.0	65	46	25	S 0	S 0	S 0	0	0	0	.	
27	-3.4	-2.6	-5.0	-3.7	5.4	565.6	564.2	563.2	13	**12**	19	NE 2	ENE 1	ENE 1	0	0	0	.	
28	-8.4	-7.1	-6.6	-7.4	1.7	562.1	562.8	564.0	30	36	100	WSW 2	WNW 3	N 1	0	2	10	.	☄, ≡ 15¾-III
29	-7.4	-9.9	-9.8	-9.0	0.1	562.1	560.6	560.6	100	100	100	W 2	W 3	WSW 1	10≡	10≡*	10≡	40.2	≡, ✶² ✣ 7¾-21, ☄ II
30	-9.6	-7.6	-8.1	-8.4	0.7	568.7	559.8	562.5	100	100	100	WNW 2	NW 2	W 1	10≡*	10≡*	10≡*	73.7	≡ ✶² ✣
31	-7.0	-6.6	-5.2	-6.3	2.8	563.4	563.9	566.5	100	100	100	WSW 2	WSW 3	WSW 2	10≡*	10≡*	10≡*	55.2	☄ 10½-II, ≡ ✶² ✣
																		Summe	
Mittel	-10.8	-9.8	-10.4	-10.3	—	559.9	559.9	560.8	89	82	91				7.5	7.0	7.2	755.0	

Januar 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^m/_m$.

1	-8.8	-7.4	-9.1	-8.4	-0.6	580.0	586.2	588.0	94	96	90	N 1	N 0	N 3	10≡	10≡	10≡	4.1	≡, p ☄ ✶
2	-11.2	-6.1	-10.0	-9.1	-1.3	591.1	591.3	591.5	78	65	82	N 2	N 1	N 0	0	0	0	.	
3	-8.8	-4.5	-6.2	-6.5	1.3	588.2	587.8	587.8	79	58	80	S 2	S 1	S 1	1	2	2	.	
4	-7.4	-7.0	-7.5	-7.3	0.6	586.9	586.1	587.5	98	97	91	N 2	N 2	N 2	10≡	10≡	3	.	≡ n-16
5	-8.2	-3.4	-6.5	-6.0	1.9	587.5	587.0	586.9	91	80	90	N 1	N 0	N 0	2	8	10≡	.	≡ 20½-n
6	-6.0	-3.2	-8.3	-5.8	2.1	585.2	585.9	588.2	95	69	96	N 0	N 0	N 2	10*≡	3	10≡	.	✶° I, ≡ n-9, 19¼-n
7	-8.8	-4.5	-6.2	-6.5	1.4	591.1	591.5	591.1	95	57	78	N 1	N 1	S 1	10≡	0	0	.	≡ n-9
8	-7.0	-1.4	-3.0	-3.8	4.1	590.4	590.9	591.2	90	90	100	S 0	N 2	NE 2	0	4	10≡	.	≡ 17½-n
9	-5.2	-4.6	-8.1	-6.0	1.9	591.4	591.6	592.0	100	95	90	NE 1	N 2	N 2	10≡	10≡	0	.	≡ n-18½
10	-9.0	-5.2	-8.3	-7.5	0.4	590.2	588.5	585.7	68	64	90	N 2	NE 2	N 1	0	4	10≡	18.1	a ✣, ≡ 17¾-n, n ✶
11	-10.0	-10.5	-11.5	-10.7	-2.8	583.6	582.3	581.9	89	75	95	N 1	N 1	N 4	10≡	8	10≡	.	≡ n-9, 20-n, ☄ III-n
12	-19.8	-20.4	-20.5	-20.2	-12.3	580.4	**579.7**	581.8	95	89	90	N 4	N 4	N 4	10≡	10≡	10≡	.	≡ ☄
13	-19.2	-15.7	-15.6	-16.8	-8.9	583.4	585.6	586.6	90	90	91	N 4	N 3	N 3	10≡	10≡	10≡	0.7	☄ I, ≡ ☄ ✶°
14	-15.7	-14.8	-13.6	-14.7	-6.7	588.6	589.5	591.2	95	80	97	N 3	N 3	N 2	10≡	0	10≡	4.1	≡ ☄ ✣² ✶
15	-12.0	-10.1	-9.6	-10.6	-2.6	591.8	591.9	592.1	85	79	99	N 2	N 2	NE 4	0	0	10≡	1.3	≡ ✶ ☄ ✣² 15-n
16	-9.6	-8.7	-12.5	-10.3	-2.3	587.9	585.6	584.2	100	100	95	NE 3	NE 4	NE 4	10≡	10≡	10≡	36.1	≡ ☄ ✶²
17	-15.0	-14.1	-16.2	-15.1	-7.2	585.7	586.1	588.5	90	95	90	N 4	N 2	N 2	10≡	10≡	10≡	.	☄ I, ≡ ☄
18	-17.6	-16.4	-17.6	-17.2	-9.3	587.8	587.4	589.4	91	90	90	N 3	N 2	N 2	10*≡	0	0	.	☄ ✣² ✶° ≡ n-11
19	**-21.4**	-19.0	-13.4	-17.9	-10.0	589.9	591.4	592.3	90	90	80	N 2	N 2	N 1	0	0	0	.	p ✣
20	-8.8	-7.2	-13.5	-9.8	-1.9	586.7	584.0	581.1	95	95	95	E 1	N 1	N 3	10	10	10≡	**37.5**	☄ ≡ III-n, n ✶² ✣²
21	-15.4	-15.0	-14.1	-14.8	-6.9	584.3	586.9	589.9	98	95	95	N 3	N 2	N 2	10≡	10≡	10≡	4.3	☄ I, ≡ ✣ ✶
22	-13.6	-9.8	-7.5	-10.3	-2.4	591.6	593.0	593.9	64	42	52	N 1	N 1	N 0	0	0	0	.	
23	-9.6	-9.6	-12.5	-10.6	-2.7	591.5	591.9	594.2	90	95	93	N 1	N 2	N 3	10	10≡	10≡	25.4	≡ ✶² ✣ 12½-n, ☄ III
24	-7.2	-5.4	-7.0	-6.5	1.4	595.8	597.6	**599.6**	80	**40**	43	N 1	N 1	N 1	0	0	0	.	
25	-2.4	0.4	-3.1	-1.7	6.2	599.4	599.3	598.8	75	50	82	N 1	N 0	N 0	0	0	0	.	
26	-0.4	**0.8**	-5.0	-1.5	6.4	598.6	597.4	595.5	74	51	49	N 0	S 0	N 1	0	0	0	.	
27	-4.8	-1.2	-5.5	-3.8	4.0	594.9	593.3	592.0	50	51	45	N 1	N 0	N 2	0	0	0	.	
28	-9.7	-6.6	-6.8	-7.7	0.1	590.8	591.7	593.0	51	45	56	N 2	N 2	N 2	0	0	0	.	
29	-7.0	-7.2	-7.4	-7.2	0.6	591.5	590.8	590.1	65	85	98	N 2	N 2	N 2	0	10	10≡	2.3	≡ 20¼-n, n ✶
30	-7.1	-5.4	-5.0	-5.8	2.0	589.5	589.8	591.4	100	97	100	N 1	N 1	N 2	10≡	10*≡	10≡	21.4	≡, ✶ 13-20¾
31	-5.0	-4.2	-4.0	-4.4	3.4	593.6	593.5	595.3	100	100	100	N 1	N 3	N 4	10≡	10≡	10≡	.	≡ ✣, p ☄
																		Summe	
Mittel	-10.0	-8.0	-9.5	-9.2	—	589.3	589.5	590.1	86	78	85				5.6	5.1	6.0	155.3	

$\lambda = 7^\circ 26'$ $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\ ^m/_m$

Bern.

Februar 1923.
Tellur. Observatorium

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	2.8	4.1	3.9	3.6	4.7	**721.6**	721.0	719.9	98	100	100	S 0	SSE 0	SE 0	10	10●	10●	7.3	● 8–13⅜, 19⅜–5
2	2.4	6.6	2.6	3.9	4.9	718.5	718.3	718.6	100	83	91	S 0	S 0	W 0	10≡	3	2	.	≡ l–11¾
3	−1.5	2.2	−0.5	0.1	1.0	717.1	716.8	714.2	100	96	100	SE 0	W 0	SE 0	10≡	10	10≡	.	≡ l–11, ≡°–18, ≡–n
4	−1.6	0.5	1.4	0.1	1.0	711.5	711.4	711.2	100	100	98	SE 0	SE 0	SE 0	10≡	10≡	10	2.0	≡ l–14, 23, n●
5	2.2	3.4	2.0	2.5	3.3	711.5	711.0	710.8	95	84	87	E 1	NE 2	NE 1	10	10	10	.	⸗ 8–p
6	1.0	2.3	−1.0	0.8	1.5	709.3	707.7	706.5	93	83	95	N 0	N 0	NE 0	10	10	0	.	
7	−2.3	4.0	1.8	1.2	1.8	706.9	705.7	705.6	96	76	89	SE 0	S 0	S 0	8	6	0	.	⌴ l
8	−1.0	6.1	4.2	3.1	3.6	701.3	698.9	698.9	96	68	85	S 0	N 0	E 0	6	10	10	2.8	⌴ l
9	2.8	6.1	1.7	3.5	3.9	705.8	708.0	709.8	95	79	95	W 0	SW 1	W 0	10	5	0	0.1	● 2–5, ●° l–8
10	**−2.6**	3.9	2.3	1.2	1.5	709.2	707.4	707.8	100	78	91	SW 0	E 0	W 0	9≡	5	10	0.4	⌴ ≡ l–9⅜
11	2.0	4.1	2.4	2.8	3.0	707.2	706.0	706.9	97	96	96	W 0	NE 0	NW 0	10●	10●	10●	13.8	●ᶜ 5–l, ●, n●
12	0.5	1.3	1.3	1.0	1.1	709.9	710.8	712.6	99	100	100	NW 0	NW 0	S 0	10●*	10●	10	3.5	✳ ● n–10, ●–17
13	0.0	3.9	1.1	1.7	1.6	712.8	712.4	712.1	100	85	96	SW 0	NW 0	NW 0	10≡	10	10	1.1	≡ l–11¼, ●° 17–19
14	0.0	2.1	0.6	0.9	0.7	713.6	713.9	713.1	96	78	88	N 0	SW 1	SW 0	10	10	10	.	● 5½–6½
15	−0.1	2.7	1.6	1.4	1.1	711.4	711.1	709.8	94	92	95	S 0	S 0	SSW 0	10✳	10	10	0.7	✳ᵛ l–10⅜
16	−0.1	5.5	4.4	3.3	2.9	709.3	709.4	709.0	100	82	87	SSW 0	W 1	SW 1	10≡	10	10	0.1	≡ l–10¼, ●° 14½–15½
17	1.4	5.2	3.6	3.4	2.9	708.3	707.3	706.9	96	91	82	SE 1	SW 2	W 1	10	10●	10●	5.6	● 10½–n, ⸗ ll
18	2.6	7.2	1.6	3.8	3.1	705.9	702.9	699.3	90	76	95	W 0	W 0	SW 0	10	10	10●	**17.6**	● 17⅜–22, n ✳
19	1.2	3.9	2.0	2.4	1.6	699.5	698.8	698.9	97	84	92	SW 0	SW 1	SW 2	10	10△	10	5.3	≡° n–9, ● 7¾–8, ✳–8½, *)
20	0.1	3.8	−0.2	1.2	0.3	700.4	701.9	703.9	95	73	91	SW 0	W 0	SW 0	10	10	0	0.9	✳° 14½–16¼
21	−2.2	3.2	1.7	0.9	−0.1	702.4	701.5	699.9	84	70	84	SE 0	W 1	SW 0	1	8	8	1.2	⌴ l, ●° 18¼–19, △ 19
22	1.6	6.9	2.5	3.7	2.6	700.2	699.3	**698.3**	95	65	81	SW 2	W 2	W 0	10●✳	2	0	0.2	⸗ n–p, ●° ✳° 7¼–7¾,
23	1.8	6.4	3.3	3.8	2.6	700.1	700.9	701.7	93	64	75	S 0	SW 2	SW 0	10	4	1		⸗ 10–p [n ●°
24	−1.1	4.0	0.8	1.2	−0.2	700.0	699.0	699.4	87	63	94	SW 0	SW 1	SW 0	6	10	0	1.8	⌴ l [⸗ ll
25	0.4	4.1	4.0	2.8	1.3	700.1	702.4	706.1	97	93	94	SE 0	SW 2	W 1	10✳	10	10●	2.4	✳ n–8, ●–13¼, 18–n, ⊛
26	2.5	7.6	4.8	5.0	3.4	706.1	702.7	701.8	97	71	95	S 0	SW 1	SW 0	7	10	10●	12.1	● 15½–1½
27	3.4	**8.1**	5.8	5.8	4.1	700.7	700.4	701.9	90	**59**	66	NNE 0	SW 2	SW 2	8	7	10	1.8	●° 8½–9¼, ◠ 9, ⸗ *)
28	3.9	7.1	5.4	5.5	3.6	705.0	706.2	705.2	85	70	77	SW 2	SSW 3	SW 2	9	5	10	10.2	● 3½–4¼, 7⅝–11⅜, n, *)
Mittel	0.7	4.5	2.3	2.5	—	707.3	706.9	706.8	95	81	90				9.1	8.4	7.2	Summe 90.9	

*) **19.** △ 13–13⅜, ● ✳–14, ●–18½, ⸗ lll *) **27.** 11–n, △° 18, ● 22–23 *) **28.** ✳ 8½–9, ⸗

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$. $G = 0.06\ ^m/_m$.

Neuchâtel.

Februar 1923.
Observatorium

1	6.0	6.7	7.1	6.6	6.0	**729.1**	728.8	728.0	84	87	83	W 1	W 1	W 1	10	10	10	0.6	●° 8–ll, 19¼–lll
2	4.0	**9.1**	3.8	5.6	4.9	726.3	726.2	726.7	81	65	81	W 1	SW 2	NE 1	8	6	3	.	≡° ll
3	1.6	2.8	0.7	1.7	0.9	725.3	724.9	721.6	96	89	100	W 1	SW 1	NE 1	10	10	10≡	.	≡°, ≡² lll
4	1.3	2.7	2.4	2.1	1.2	719.0	718.6	718.9	100	95	95	SW 0	SW 1	NW 1	10≡	10	10	1.0	a ≡, ●° 10–11, n–●
5	2.5	4.7	3.4	3.5	2.6	719.1	718.6	718.5	96	80	74	NE 1	NE 2	NE 2	10	10	10	.	p ⸗
6	2.0	5.8	0.5	2.8	1.8	716.5	714.7	713.8	82	69	88	NE 1	SE 1	NE 1	10	6	5	.	p ≡°
7	0.2	3.4	1.5	1.7	0.6	714.2	713.0	712.5	95	85	91	NW 1	NE 1	NE 0	10	8	2	.	≡° n–ll
8	−0.2	5.0	4.4	3.1	1.9	708.6	705.9	706.6	97	75	97	NW 1	SE 1	N 0	7	7	10	4.5	⌴ l, ≡² 8½–11½, ≡° ll,
9	3.2	7.0	1.0	3.8	2.6	713.9	715.8	717.5	92	73	89	NW 1	SW 1	N 1	10	7	0	0.3	●° n–11 [● 17½–n
10	−1.8	0.7	2.2	0.4	−0.9	717.2	715.8	716.1	96	93	96	N 0	NE 1	N 0	10≡	10≡	10●	4.6	⋁ l, ≡ n–15, ● 20–n
11	2.4	4.2	3.5	3.4	2.0	715.1	714.0	715.0	100	97	98	N 0	NE 0	NW 0	10●	10●	10●	8.5	a ≡, ●, n●
12	2.1	4.0	2.4	2.8	1.3	717.5	718.9	720.5	98	90	96	NW 1	SE 1	N 0	10●	10	4	0.2	●° n–10
13	−0.7	2.2	0.7	0.7	−0.9	720.9	720.2	720.2	100	96	100	NW 0	W 1	NW 1	6	10≡	10●	3.5	≡² n–14, ● 16½–n
14	1.6	2.8	0.8	1.7	0.0	721.8	722.1	720.7	77	75	87	NE 1	SW 1	NW 0	10	10	9	.	
15	0.9	4.5	1.4	2.3	0.5	719.2	719.1	717.7	93	82	96	W 0	SW 1	N 1	10✳	9	4	0.4	✳° 7–9½, ●° 14
16	1.6	3.3	4.6	3.2	1.3	717.2	717.4	716.9	96	93	90	NE 0	SW 1	W 1	10≡	10●	4	.	a ≡, ●° 13–14
17	2.3	5.3	3.3	3.6	1.6	716.2	714.9	714.8	98	71	90	NE 0	W 2	W 2	10	10●	10	3.6	≡² 8–12, ● ⸗ 9¼–n
18	3.4	6.7	3.9	4.7	2.5	713.4	709.7	706.5	87	73	93	W 1	SW 1	SW 1	10	10	10●	**16.5**	● 17–n
19	2.0	6.7	2.8	3.8	1.5	706.9	706.1	706.8	96	74	88	W 1	W 1	W 1	10	8	10	3.3	a ●° ✳°, p ● ✳ ⸗, n ●°
20	1.0	5.6	0.3	2.3	−0.1	708.5	710.1	711.8	93	74	79	NW 1	SW 1	N 1	8	9	0	.	✳° 15–16
21	**−2.1**	4.3	3.1	1.8	−0.7	710.4	709.2	707.1	96	67	88	NE 0	SW 1	SW 2	6	8	10●	5.2	⌴ l, ●° 16–n
22	1.6	8.5	3.6	4.6	2.0	708.1	706.7	**705.2**	96	62	83	W 1	W 2	W 1	10●	2	5	0.3	● ✳ n–l, n ●°
23	2.5	8.4	3.2	4.7	2.0	708.0	708.9	709.5	85	**61**	86	W 1	SW 1	W 1	10	3	9	.	
24	−0.3	3.6	3.6	2.3	−0.6	707.5	706.7	707.3	95	74	89	NW 0	SW 1	NW 0	8	10	10	7.5	●° 16–18½, n●
25	1.3	4.9	4.4	3.5	0.5	708.0	710.7	714.3	96	95	93	NE 0	W 1	W 1	10≡	10	10●	9.1	≡ l, ●, n●°
26	3.6	7.0	5.5	5.4	2.3	713.6	710.5	708.9	93	70	97	W 1	W 2	W 1	8	9	10●	14.3	● 14–n
27	4.3	7.0	4.5	5.3	2.1	708.4	708.0	700.6	92	71	86	W 1	SW 2	SW 2	8	9	10●	6.3	p n ⸗, ● 13–n
28	2.9	7.1	4.7	4.9	1.5	713.0	714.1	713.5	95	76	84	W 2	SW 2	SW 3	10	8	9	9.9	● ⸗, n●
Mittel	1.7	5.1	3.0	3.3	—	715.1	714.6	714.6	93	79	90				9.3	8.5	7.6	Summe 99.6	

Februar 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$. $\beta = 46^{\circ}\,53'$.
$H_b = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	1.9	3.2	2.9	2.7	1.9	**732.0**	731.7	730.4	99	100	89	S 0	N 0	SW 0	10●	10≡	10●	**15.8**	●I, III–n, ≡II
2	2.8	5.8	2.2	3.6	2.7	729.0	729.0	729.8	100	87	99	E 0	NE 0	SE 0	10	10	3	.	≡° II
3	−0.6	1.4	0.0	0.3	−0.7	728.9	727.7	724.3	100	90	98	N 0	NW 0	E 0	10≡	10	0	.	≡² I
4	−0.1	2.7	1.5	1.4	0.4	721.7	721.6	722.0	100	74	94	E 0	NW 0	NE 0	10≡	7	10	2.8	≡ I
5	1.8	5.8	2.6	3.4	2.3	722.3	721.3	721.4	99	65	90	NE 0	W 0	NE 0	10●	7	9	0.3	● n–I
6	0.5	3.6	−1.2	1.0	−0.2	719.5	717.2	716.3	89	60	90	E 0	W 0	NE 0	10	9	0	.	
7	**−1.4**	4.5	0.6	1.2	0.0	717.1	715.3	715.6	94	55	70	SE 0	SE 0	E 0	10	1	0	.	
8	−0.4	**12.9**	9.9	7.5	6.2	710.9	**706.4**	708.6	77	**23**	26	SW 0	S 2–3	SE 2	4	7	0	3.8	p ⛈
9	4.1	6.8	3.9	4.9	3.5	716.2	718.3	720.5	98	66	85	SE 0	NW 0	NW 0	10●	8	10	.	● n–I
10	0.8	5.1	3.3	3.1	1.6	719.5	717.9	718.7	89	65	84	E 0	NW 0	NW 0	0	3	10	.	
11	2.1	3.1	3.1	2.8	1.2	718.2	716.7	717.6	94	98	98	NW 0	NW 0	NW 0	10	10	10●	8.5	● III–n
12	1.6	2.8	1.9	2.1	0.5	720.4	721.4	721.8	100	97	100	E 0	E 0	NW 0	10●	10●	10●	7.7	●
13	1.8	4.8	2.4	3.0	1.3	723.7	723.0	722.7	99	66	93	E 0	NW 0	NW 0	10●	7	10	0.3	●° I
14	1.4	4.5	1.4	2.4	0.6	724.8	723.8	723.5	63	67	65	S 0	NW 0–1	NE 0	10	2	3	.	
15	0.8	1.4	0.7	1.0	−0.9	721.8	722.2	720.8	75	95	97	SE 0	N 0	E 0	10	10●	10	1.5	● II
16	2.0	6.3	4.3	4.2	2.2	719.5	719.2	719.1	98	70	84	NE 0	N 0	NE 0	4	7	0	0.2	
17	3.4	7.2	3.3	4.6	2.5	719.3	716.9	716.8	94	60	98	SE 0	NW 0	NW 0	10	10	10	10.2	● ⛈ 17
18	1.9	6.8	3.9	4.2	2.1	715.9	713.1	709.1	99	64	96	E 0	SW 0	NW 0	10	4	10●	11.4	● III–n
19	2.8	4.4	2.8	3.3	1.1	709.7	709.1	708.8	90	70	92	W 0	E 0	NW 0	10●	10	10●	5.7	● I, III
20	1.0	6.2	2.3	3.2	0.9	711.3	717.7	714.8	98	45	70	E 0	N 0	NE 0	10	9	3	.	
21	−0.7	3.4	2.5	1.7	−0.7	713.5	711.8	709.9	78	40	63	SE 0–1	NW 0	E 0	0	3	10	1.2	n ($^{21}/_{22}$) ● ✳
22	1.7	7.4	3.0	4.0	1.5	715.4	709.2	707.2	94	45	47	E 0	W 0	E 0	10	2	4	.	
23	2.6	5.9	2.0	3.5	0.9	715.9	711.4	712.6	67	59	60	S 0	NW 0	E 0	10	10	0	.	
24	−0.4	10.2	6.6	5.5	2.8	709.8	708.2	710.3	64	24	34	W 0	SE 3–4	S 1–2	5	9	3	.	p ⛈
25	1.9	6.5	3.5	4.0	1.1	710.7	712.5	716.4	80	58	98	SE 0	N 0	NW 0	2	10●	10●	4.3	p ●
26	2.7	9.3	6.4	6.1	3.1	716.9	709.5	711.4	100	45	81	NE 0	N 0	NW 1–2	3	10	10●	7.4	● III–n
27	4.2	9.0	5.8	6.3	3.2	710.6	710.2	712.3	94	50	58	E 0	W 0	SE 0	10	9	7	.	
28	4.3	9.0	5.8	6.4	3.2	715.4	716.4	715.1	82	50	50	S 0	E 0	NE 0	10	8	7	1.3	n ($^{28}/_{1}$) ●
Mittel	1.6	5.7	3.1	3.5	—	718.2	717.1	717.1	90	64	79				8.1	7.6	6.4	Summe 82.4	

Februar 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$. $\beta = 46^{\circ}\,12'$.
$H_b = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$.

1	3.0	6.6	5.7	5.1	4.7	**737.3**	737.0	736.6	90	83	88	NNE 1	N 1	NE 1	9	10	8	.	
2	1.5	8.8	3.4	4.6	4.1	735.0	734.3	734.5	96	71	90	SSW 1	NW 1	NE 0	2	0	0	.	a ⌴
3	−0.6	3.0	1.7	1.3	0.7	733.0	732.4	729.5	96	85	91	E 0	SE 1	NNE 1	10≡	10	10	0.2	≡ I, n ●°
4	0.4	3.8	3.6	2.4	1.8	727.3	726.0	726.3	96	83	85	SE 0	NW 1	NNE 1	10≡	8	10	0.1	≡ I, n ●°
5	4.4	5.2	4.8	4.6	3.9	725.4	724.7	725.2	80	75	70	NNE 2	NNE 3	NNE 2	9	9	10	.	⛈
6	3.2	4.6	0.9	3.4	2.6	723.8	722.0	721.3	83	69	87	NNE 1	NNE 1	NNE 1	10	0	0	.	
7	−0.4	5.4	5.2	2.9	2.0	721.9	720.1	719.4	92	76	84	SE 0	NNE 1	NNE 1	7	1	0	.	
8	0.8	6.8	5.0	4.7	3.8	715.4	712.5	714.0	92	66	88	SW 1	NNE 1	SW 0	0	5	10●	9.8	p ≡°, ● $20^{1}/_{2}$–n
9	3.0	8.4	2.6	4.7	3.7	722.0	723.4	724.4	93	68	87	W 1	E 0	NNE 0	10●	8	0	0.1	●° I
10	**−1.6**	4.6	3.9	2.2	1.1	724.3	723.0	723.5	92	75	93	SW 0	NNE 1	NNE 1	3	9	10●	3.1	a ⌴, ● 18–n
11	3.2	3.6	2.7	3.3	2.1	722.1	721.6	722.8	97	90	95	SW 0	W 0	NW 0	10	10●	10●	19.3	≡° ● $10^{1}/_{2}$–n
12	2.3	4.7	5.0	3.6	2.3	725.4	725.8	727.6	98	83	92	NW 0	NNE 1	NNE 0	10●	9	9	.	●° I, ≡°
13	−0.4	6.0	1.0	1.9	0.5	728.4	727.9	727.3	97	72	98	SW 0	W 0	NW 0	0	10	10*	8.3	p ≡°, ● 14–III, ✳–n
14	1.8	3.6	1.8	2.3	0.8	729.2	729.3	728.4	93	74	85	NNW 0	NNE 1	NNE 1	10	9	1	.	
15	0.8	6.0	3.0	2.8	1.3	726.6	726.4	725.2	88	74	92	SW 0	W 1	NW 0	10	9	2	0.2	●° ✳° ☩ ≡°
16	0.6	4.8	4.8	3.2	1.6	724.6	725.3	724.6	96	87	92	SSW 0	NW 0	NNE 0	10≡	10≡	0	0.2	≡ ●° n–p
17	2.0	7.2	4.5	3.9	2.2	723.6	723.6	723.6	96	75	84	SW 0	SW 1	SW 1	10	10	10●	6.9	≡°, ● $14^{1}/_{2}$–n
18	3.2	8.8	6.4	5.5	3.7	721.5	717.2	715.1	93	71	85	SW 0	SW 1	SW 1	10	8	10●	7.5	● 17–n
19	3.7	4.8	2.6	4.3	2.4	715.1	714.4	715.0	83	84	86	SW 1	SW 1	SW 1	10	6●	10	0.6	●° 13–16
20	1.0	6.6	1.6	3.1	1.1	715.2	717.8	719.5	88	60	75	SE 1	S 1	SW 0	2	7	0	.	
21	−1.5	5.8	5.0	2.4	0.3	718.0	716.4	715.5	86	**51**	63	SSW 0	W 1	SW 1	4	9	10	3.1	● 22–n
22	3.2	9.3	6.2	6.5	4.3	716.5	714.0	**712.0**	83	53	68	SSW 1	SW 1	SW 1	2	0	10	1.5	● $22^{1}/_{4}$–n
23	2.4	9.0	6.2	5.4	3.1	715.8	716.6	717.4	93	**51**	62	SSW 0	SW 1	SW 0	10	3	6	0.1	
24	1.8	2.6	3.2	2.7	0.3	714.4	714.2	714.3	75	93	90	NNE 0	W 0	SSW 1	10	10●	8	2.3	●° II, ● 22, n ✳°
25	6.0	6.8	5.0	5.9	3.4	715.7	719.2	722.3	77	79	92	SW 2	SW 1	SW 1	10●	10●	10●	4.0	⛈ I, ●
26	3.3	9.4	6.5	5.9	3.3	721.5	718.4	717.0	97	64	92	SE 0	SW 1	NW 1	10	10	10●	**20.0**	≡°, ● 16–n
27	6.1	9.0	6.2	7.1	4.3	716.6	716.3	718.5	81	56	76	SSW 1	SSW 2	SW 1	9	9	9	2.0	⛈ II, ● $21^{3}/_{4}$, n
28	4.6	**9.5**	7.6	6.6	3.7	722.0	722.9	721.4	81	56	64	SW 1	SW 2	SW 3	10●	7	8	2.4	● I, n, p n ⛈
Mittel	2.1	6.2	4.2	4.0	—	722.8	722.2	722.2	89	72	84				7.4	7.4	6.8	Summe 91.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$

Zürich.

Februar 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	7.2	7.4	7.2	7.3	8.1	**727.3**	727.1	726.7	75	88	85	SW 2	W 1	W 1	10●	10●	10●	4.8	☔ l, ● n-14½, ●° 17½-18, III-22½
2	5.6	7.2	4.8	5.9	6.6	725.5	725.5	725.7	85	72	78	W 1	NW 1	SW 1	10	8	8	.	
3	4.6	8.4	2.2	5.1	5.7	724.4	723.8	721.3	85	70	98	W 1	SW 1	NE 0	10	1	0	.	
4	1.4	3.8	3.6	2.9	3.4	718.2	717.9	718.1	98	86	94	NW 0	NW 1	W 0	10	10	10●	12.0	a ≡°, ● 21¼-n
5	2.0	4.8	2.7	3.2	3.7	719.2	719.3	718.9	92	75	80	NE 1	E 1	E 1	10	9	10	.	● n-l
6	0.8	1.5	0.9	1.1	1.5	716.8	714.9	713.5	84	76	77	NE 1	E 0	E 0	10	10	10	.	≡°
7	−0.7	8.1	2.4	3.3	3.6	713.6	712.9	712.7	95	62	86	SE 0	SW 0	E 0	10	2	3	.	a ≡°
8	−0.4	8.9	4.6	4.4	4.6	708.5	705.5	705.9	91	62	80	SE 0	NW 1	E 0	1	7	10	2.4	n (8(9)) ●
9	4.4	6.9	3.4	4.9	5.0	712.8	715.4	717.1	84	75	86	S 1	SW 1	NE 0	10	10	3	0.8	●° n-10½
10	−1.0	1.0	1.0	0.3	0.3	716.6	715.7	715.9	100	97	96	NE 0	NW 1	NE 0	10≡	10	10	.	a ⌴² ≡, p ≡°, n ≡²
11	1.0	3.8	3.2	2.7	2.6	715.0	713.9	714.5	97	87	91	NE 0	NW 1	N 0	10	10	10●	2.9	≡° n-p, ● 16-n
12	2.0	2.5	2.4	2.3	2.1	717.2	718.2	720.1	93	92	94	N 1	NE 1	NE 0	10●	10●	10	3.5	● n-16¾, ✳ 8¼-8½, ≡°
13	1.6	4.0	1.7	2.4	2.1	720.5	720.2	719.8	93	75	88	NE 1	NE 0	SW 0	10	10	10	0.2	≡° n-9, ●° ✳°-10, ●°-12
14	−0.4	3.2	0.1	1.0	0.6	721.7	721.6	720.1	84	65	89	SW 1	S 1	NE 0	10	10	7	.	
15	0.9	2.3	1.4	1.5	1.0	718.6	718.5	717.7	87	88	98	S 1	S 1	SE 1	10	10	10	1.3	✳ l-11²¾, ●°-12¼, ≡° III
16	1.4	9.5	6.1	5.7	5.1	716.4	716.3	716.1	96	61	78	S 1	W 1	SW 2	10	5	10●	1.2	≡° n-8½, ⊕ 9, ●° *)
17	3.2	5.8	4.0	4.3	3.6	715.7	714.0	713.6	89	76	86	SW 1	W 1	W 2	10	10	10●	8.2	a ⊕, ● 12-12¾, 16-23¼
18	2.7	7.3	3.0	4.3	3.4	712.8	710.3	706.5	87	72	91	W 1	S 1	NW 1	8	6	10●	10.3	a ●°, ● 17-n
19	2.8	4.0	2.4	3.1	2.1	706.4	706.5	706.1	89	82	90	S 1	NW 1	NW 1	10	10	10●	3.0	● n-8½, ● ✳° 9¾-11, *)
20	2.0	6.2	0.8	3.0	1.9	708.0	709.6	711.5	90	66	85	NE 1	NW 1	NE 0	10	9	0	.	● 5¾-6½, ●° 8¼-8½
21	**−1.8**	5.4	3.4	2.3	1.1	710.2	708.8	706.9	84	54	66	E 0	SW 1	SW 1	0	8	10	0.7	⌴² l, ⊕° 9¼
22	3.0	8.8	3.4	5.1	3.7	707.2	706.6	**704.8**	80	58	75	SW 2	W 2	SE 0	10●	4	9	0.2	●° n-10, ☔ n-II
23	2.4	6.7	4.5	4.5	3.0	707.4	708.7	709.4	84	67	70	SW 1	SW 1	S 1	10	10	6	0.1	●° 8½-10¼, p ⊕, ☔ 19½
24	−0.2	8.2	4.0	4.0	2.3	707.4	705.6	706.7	81	52	74	E 0	W 0	W 0	3	8	9	.	
25	2.3	4.8	5.0	4.0	2.2	707.5	709.3	713.0	85	88	88	NW 0	SW 1	W 1	10	10●	10●	6.9	● 8-n
26	4.6	9.4	5.6	6.5	4.6	713.6	710.0	708.3	85	64	91	NW 1	SW 0	W 1	4	10	10●	**14.5**	● n-3½, 16³¾-1¼
27	4.7	**9.6**	5.9	6.7	4.6	707.7	707.6	709.2	93	**50**	70	NW 1	SW 2	SW 1	9	9	5	1.1	p ☔, ● 15½
28	4.1	7.8	6.6	6.2	4.0	712.3	713.0	712.1	81	66	65	W 1	SW 2	W 2	10	9●	9	5.9	● ☔ 4-6³¾, ●° 8½-9¼, *)
Mittel	2.1	6.0	3.4	3.8	–	714.6	714.2	714.0	88	72	84				8.8	8.4	8.2	Summe 80.0	

*) **16.** 16³¾-20³¾, ● ☔ 21-22³¾ *) **19.** ✳° 16, ● 18¼-22 *) **28.** ● II-14½, p ☔

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

Februar 1923.
Beobachter: Frau *Küttel-Steffen.*

1	−1.0	0.0	0.4	−0.2	4.3	**620.4**	620.2	620.1	90	73	85	W 2	W 4	W 3	10≡	10●	10	24.2	a ≡, ●² ✳, ≡° II, p ☔	✳
2	−4.0	−1.0	2.0	−1.0	3.5	619.4	619.4	619.1	20	12	**2**	W 2	SW 4	W 4	10	5	5	.	p ☔	✳
3	3.8	**4.4**	2.0	3.4	7.9	618.2	617.8	616.0	**2**	28	20	W 2	W 1	W 0	0	0	0	.		✳
4	0.3	3.1	−2.2	0.4	4.8	612.0	612.8	612.0	26	47	96	W 0	W 0	E 0	5	5	10≡	2.9	≡ III, n ✳	✳
5	−4.4	−1.3	−5.2	−3.6	0.8	611.6	611.5	611.0	95	96	95	E 1	E 2	E 0	10−	10−	0	.	≡ n-II	✳
6	−7.3	−1.0	−1.4	−3.2	1.2	609.5	607.7	607.0	35	32	26	E 0	S 0	W 2	0	0	0	.		✳
7	−4.3	−1.6	−1.2	−2.4	2.0	606.7	606.9	607.4	97	96	32	W 2	W 0	W 0	10≡	0	0	.	≡ l	✳
8	2.1	4.3	1.0	2.5	6.9	604.4	602.6	602.3	22	21	20	SE 2	S 2	S 0	5	7	10	9.5		✳
9	−4.3	−2.1	−3.4	−3.3	1.1	606.5	608.6	610.5	95	94	95	W 4	W 1	W 0	10*≡	4	10≡	.	✳ ≡ ☔ n-l, ≡ III	✳
10	−2.4	−0.6	−0.4	−1.1	3.2	609.8	609.5	609.7	80	64	35	SW 1	SE 3	SE 3	0	5	10	.	p ☔	✳
11	−2.4	0.1	−4.2	−2.2	2.1	609.2	607.8	607.7	97	95	95	W 0	W 0	E 0	10	10	10*≡	6.2	≡°, ✳ ≡ III-n	✳
12	−5.1	−0.8	−5.0	−3.6	0.7	609.6	610.4	611.9	93	93	93	E 1	E 0	E 0	10*≡	10*≡	10*≡	11.2	✳ ≡	✳
13	−6.2	−4.3	−6.3	−5.6	−1.4	612.0	611.9	612.0	92	93	92	E 0	E 0	W 0	10≡	10	10≡	.	≡, ≡° II	✳
14	−8.3	−0.6	−5.3	−4.7	−0.5	612.4	612.8	612.4	92	93	50	E 0	W 1	W 1	10	0	10	.	≡° l	✳
15	−6.1	−4.3	−3.4	−4.6	−0.4	610.7	610.7	610.7	80	82	95	W 4	W 4	W 3	10*	10≡	10≡	1.4	✳ ≡° l, ≡ ☔	✳
16	2.0	3.1	−2.3	0.9	5.0	610.7	610.4	610.3	38	40	97	W 3	W 4	W 3	10	7	10	0.7	☔, ☔ II, n ✳°	✳
17	−5.0	−4.1	−2.4	−3.8	0.3	609.4	608.1	607.3	94	94	93	W 3	W 3	W 4	10	10	10*	16.0	≡° l, ☔, ✳ ☔ III-n	✳
18	−5.4	−4.1	−3.4	−4.3	−0.2	605.9	603.1	601.2	90	90	92	W 4	W 3	W 3	10	10 ≡	10*≡	**32.7**	☔ l, ☔ ≡°, ✳² ≡ III-n	✳
19	−6.0	−5.3	−6.0	−5.8	−1.8	600.5	**600.0**	**600.0**	90	91	90	W 3	W 1	W 2	10*≡	10*≡	10*≡	9.2	☔ l, ✳ ≡	✳
20	−7.2	−5.7	−7.0	−6.6	−2.6	601.2	602.7	604.7	90	90	90	W 2	W 1	W 0	10	10	0	.	≡° II	✳
21	**−9.3**	−7.6	−7.1	−8.0	−4.0	603.2	602.2	601.7	90	90	89	W 2	SW 2	W 4	0	7	10	1.5	☔ III-n, n ✳	✳
22	−6.2	−3.7	−5.1	−5.0	−1.1	600.8	601.0	600.3	89	90	90	W 3	W 2	W 2	10	5	5	2.7	≡° ☔ l	✳
23	−6.0	−4.4	−5.1	−5.2	−1.3	601.3	602.4	603.6	90	90	90	W 2	W 0	W 1	10*≡	10	3	.	✳ ≡ n-l	✳
24	−5.0	−2.1	−3.1	−3.4	0.5	601.8	601.2	601.8	85	66	56	SE 2	S 3	SE 1	5	7	5	.	☔ II	✳
25	−3.3	−1.2	−3.1	−2.5	1.3	601.8	603.2	606.0	66	74	96	SE 0	W 4	W 4	10	10≡	10	11.8	≡ II, p ☔, n ✳	✳
26	−3.4	−2.3	−0.2	−2.0	1.8	607.4	605.7	603.7	95	94	95	W 3	W 3	W 4	10	10	10≡	9.2	≡° l, ☔, ≡ ☔ III-n, n ✳	✳
27	−3.4	−3.0	−3.4	−3.3	0.4	602.6	602.6	603.3	100	100	96	W 3	W 1	W 4	10	10	10	.	☔ l, ☔ III-n	✳
28	−5.0	−3.8	−3.4	−4.1	−0.4	605.6	606.9	606.7	95	92	86	W 4	W 4	W 4	10	7	10	2.6	☔, n ✳	✳
Mittel	−4.0	−1.8	−3.0	−2.9	—	608.0	607.9	607.9	76	76	75				8.0	7.1	7.4	Summe 141.8		

Februar 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$,
$H_b = 1707.6^m$, $G = -0.12\ ^m/_m$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	2.7	3.4	5.8	4.0	12.8	624.3	**625.6**	624.7	72	80	64	N 2	NE 1	W 3	9	10●	0●	1.1	↙ I, ●° 8¼–14½, ● ↙
2	7.0	**8.4**	1.4	5.6	14.3	624.7	624.2	624.3	**38**	41	44	N 1	SW 1	E 0	4	1	1	.	[21–22½
3	−5.0	5.0	−6.2	−2.1	6.5	624.5	623.5	622.7	72	60	72	SW 0	E 0	NE 0	1	1	0	.	
4	−10.6	1.1	−0.8	−3.4	5.1	619.5	617.0	617.1	78	60	62	SW 0	E 0	E 0	1	7	5	.	
5	−4.2	−0.1	−8.7	−4.3	4.1	617.2	617.3	618.6	84	72	80	N 0	NE 1	W 0	9	9	1	.	
6	−11.2	−4.4	−12.5	−9.4	−1.1	616.7	614.0	613.8	83	72	72	SW 0	SW 0	SW 0	10≡	0	0	.	≡ 10–11½
7	−15.8	−1.0	−10.6	−9.1	−0.9	613.0	613.6	614.6	83	57	76	SW 0	NE 0	E 0	1	1	0	.	
8	−14.2	−1.6	−4.6	−6.8	1.3	613.5	612.0	612.1	85	60	85	SW 0	SW 1	SW 0	1	9	10	2.3	n (8/9) ✶
9	−5.6	0.8	−6.7	−3.8	4.2	612.2	614.1	617.1	98	59	76	NW 0	SW 1	SW 0	10△	9	10	.	△° n–10¼
10	−11.3	1.6	−5.8	−5.2	2.7	618.5	617.6	617.3	88	59	84	W 0	SW 1	SW 0	4	6	10	1.4	n (10/11) ✶
11	−6.8	0.4	−3.0	−3.1	4.7	615.8	614.3	613.9	97	65	95	SW 0	SW 0	NE 0	9	9	10	.	
12	−4.2	1.6	−3.3	−2.0	5.7	615.0	615.3	617.1	87	58	73	NE 0	N 0	E 1	5	9	10△	0.3	△° 13¾–n
13	−5.6	−0.8	−8.6	−5.0	2.6	617.6	617.5	618.0	87	48	67	N 0	W 0	E 0	10△	7	0	.	△° n–11¾, 13¾–16
14	−15.1	−3.3	−14.0	−10.8	−3.5	619.1	618.8	619.3	80	58	67	E 0	N 0	SE 0	1	3	0	.	
15	−15.2	−0.6	−7.5	−7.8	−0.4	617.1	616.0	616.9	72	56	62	NW 0	SW 1	N 0	3	7	6	.	
16	−8.9	1.7	−3.8	−3.7	3.6	616.8	616.7	616.6	80	56	77	SW 0	W 0	W 0	10	6	6	.	
17	−10.0	0.4	−3.8	−4.5	2.6	615.6	613.9	613.3	90	56	90	NW 0	NE 0	NE 0	5	6	2*	1.5	✶ 19¾–21¾
18	−5.5	−0.3	−3.5	−3.1	3.9	612.1	610.4	608.7	94	49	73	W 0	W 2	SW 0	10*	2	10*	1.2	✶ I, III–n, ↙ II
19	−3.8	−1.4	−5.5	−3.6	3.3	606.4	**605.7**	606.1	90	63	89	N 0	W 0	N 0	10*	10*	10*	**6.3**	✶
20	−6.9	−0.4	−11.6	−6.3	0.5	607.9	608.9	611.5	90	49	80	W 0	N 0	SE 0	9	3	1	0.2	✶° △° 16¾–17¾
21	**−20.1**	−5.4	−11.6	−12.4	−5.7	610.8	609.6	608.9	80	55	72	W 0	W 0	S 0	0	5	9	.	⊕² 12
22	−12.3	−0.4	−13.0	−8.6	−2.0	607.9	607.8	609.0	78	40	61	W 0	W 1	SW 0	7	2	1	.	
23	−11.5	−3.9	−13.3	−9.6	−3.2	608.1	609.3	610.8	74	73	84	N 0	S 0	N 0	10	10*	2	.	≡° I, ✶° 11¾–13¾
24	−19.0	−1.0	−4.6	−8.2	−1.9	610.8	609.1	609.9	83	47	73	W 0	SW 1	S 0	8	9	10	.	n (24/25) △°
25	−13.8	−0.7	−2.9	−5.8	0.4	610.0	610.0	612.6	90	58	80	N 0	N 0	N 1	6	6	8	.	
26	−6.2	2.0	−0.8	−1.7	4.4	614.2	613.0	612.0	89	**47**	68	SW 0	SW 2	SW 1	7	9	9	3.7	↙ II, ⊕² 13¼, ▽ III
27	−3.4	0.4	−5.8	−2.9	3.1	609.6	608.5	610.1	95	72	75	N 0	N 1	S 1	10*	10	7	3.5	n a ✶
28	−11.8	0.4	−9.2	−6.9	−1.0	612.2	613.2	613.8	82	46	63	E 0	SW 2	SE 0	6	6	8	.	↙ II
Mittel	−8.9	0.1	−6.2	−5.0	—	614.7	614.2	614.7	83	58	74				6.3	6.1	5.4	Summe 21.5	

Februar 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 541\ 8^m$, $G = 0.00\ ^m/_m$.

1	2.2	7.4	4.2	4.6	4.5	**723.9**	**723.9**	722.6	87	63	94	NE 0	S 0–2	SW 0	9	10	9	.	
2	2.4	6.8	0.3	3.2	3.0	722.0	721.2	721.2	100	71	100	NE 0	W 1	NE 0	10	1	1	.	≡° III–n
3	1.0	2.2	−0.8	0.8	0.5	720.3	719.5	716.9	95	92	100	NE 0	W 0–1	NE 0	7	10	10	.	≡°
4	−3.6	0.0	−0.3	−1.3	−1.7	714.0	713.4	713.9	100	94	93	SW 0	NE 0	NE 0	10≡	10	10	.	≡² I, ≡°
5	−0.8	4.0	1.5	1.6	1.1	713.1	711.7	712.7	95	60	84	NE 0	NE 0	NE 0	10	3	0	.	≡° I
6	−3.3	5.0	−0.3	0.5	−0.1	711.5	708.9	708.7	100	44	79	NE 0	NE 0	NE 0	0	0	0	.	⌴ I
7	**−3.8**	4.8	2.5	1.2	0.5	709.5	708.2	708.2	84	39	55	NE 0	NE 0	NE 0	0	2	7	.	
8	0.1	7.2	6.4	4.6	3.8	705.2	702.2	702.5	58	41	38	NE 0	NE 0	N 0	2	9	10	2.7	n (8/9) ●
9	3.8	6.6	4.2	4.9	4.0	708.4	710.1	713.0	100	62	80	S 0	S 0–1	N 0	10	8	10	.	≡° I
10	−0.6	6.3	3.2	3.0	2.0	713.4	710.7	710.3	80	38	80	NE 0	NE 0	NE 0	1	5	10	.	
11	2.7	7.1	2.8	4.2	3.1	709.9	707.2	709.2	80	57	100	NE 0	SW 0–1	S 0–1	10	6	10●	2.6	● 20–n
12	2.0	5.5	3.4	3.6	2.3	711.5	712.5	714.0	99	70	90	NW 0	W 0–1	W 0	10	10	4	.	
13	1.2	6.6	1.2	3.0	1.6	715.0	714.2	714.2	91	51	100	NE 0	SW 0–1	SW 0	1	8	10*	.	✶ III–n
14	1.0	5.4	1.8	2.7	1.2	716.4	716.1	715.9	100	54	87	SW 0	S 0–1	NW 0	10≡	7	10	2.3	≡ I, ≡° III
15	0.2	5.8	3.0	3.0	1.4	714.1	712.6	712.9	100	58	90	NE 0	SW 0	NE 0	10	8	10	.	≡° III
16	0.1	5.5	2.0	2.5	0.8	712.3	712.0	712.6	100	61	90	NE 0	N 0	N 0	3	10	0	.	
17	0.0	5.2	3.3	2.8	0.9	712.0	709.9	710.0	100	61	88	NE 0	SW 0	SW 0	1	10	10	4.4	⌴ I, ● 18–21
18	2.8	7.0	2.2	4.0	2.0	708.8	705.2	702.9	93	61	100	NW 0	SE 0	NE 0	10	10	10●	9.1	● III–n
19	2.0	8.0	2.2	4.1	2.0	701.5	701.8	702.0	100	46	100	SW 0	S 1	W 0	10●≡	10	10●	1.6	● ≡ I, ● III, n ✶
20	0.6	6.6	1.2	2.8	0.5	704.0	704.4	707.3	83	41	55	NE 0	S 0	NE 0	10	3	0	.	
21	−2.3	4.1	1.3	1.0	−1.4	706.9	704.5	703.7	66	36	57	NE 0	NE 0	NE 0	3	2	3	2.3	n (21/22) ✶
22	0.6	7.9	3.6	4.0	1.4	703.8	702.1	**701.3**	100	39	46	NW 0	SW 0–1	NE 0	10	2	4	0.6	≡° I
23	1.4	7.0	3.6	4.0	1.3	703.4	703.9	705.2	100	53	46	NW 0	NW 0–1	NE 0	10●	8	0	.	●° n–I
24	−0.4	7.9	3.2	3.6	0.7	703.8	701.9	703.6	57	**31**	44	NE 0	NE 0	NE 0	7	10	1	0.3	n (24/25) ●°
25	1.2	2.2	2.3	1.9	−1.1	703.8	706.6	710.0	60	97	100	NE 0	NW 0	SW 0	10	10●*	10●	6.8	✶ ● 10–III
26	1.8	8.0	3.4	4.4	1.3	709.8	707.2	707.4	100	58	100	NE 0–1	NE 0	NE 0	1	10	10●	**16.5**	● 16¾–n
27	1.8	**9.9**	5.0	5.6	2.3	704.3	703.6	703.5	100	46	63	SE 0	S 1	NE 0	9	3	6	1.3	n (27/28) ●
28	3.0	8.2	5.4	5.5	2.1	708.9	709.8	710.2	100	54	64	NE 0	W 0	NE 0	10	6	8	2.1	n (28/1) ●
Mittel	0.6	6.0	2.6	3.1	—	710.4	709.5	709.8	90	56	79				6.9	6.8	6.5	Summe 52.6	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

Februar 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	2.6	15.2	1.8	6.5	4.5	741.4	739.6	738.6	71	47	56	N 0	S 0	N 0	2	0	0	.	⌙ I
2	4.0	10.8	3.6	6.1	4.0	739.9	740.2	739.6	77	51	72	N 0	SSE 0	N 0	0	0	0	.	
3	0.8	8.8	1.6	3.7	1.6	739.9	740.0	738.7	83	61	84	N 0	S 0	N 0	0	0	0	.	
4	3.0	5.2	4.0	4.1	1.9	738.5	736.9	734.7	87	73	81	S 0	S 0	N 0	10	10	10	.	≡°
5	4.0	7.2	4.8	5.3	3.0	735.1	734.7	736.6	84	63	72	N 0	NW 0	N 0	10	10	10	.	≡° I
6	4.2	7.0	3.0	4.7	2.3	735.6	734.1	734.4	77	49	57	N 0	N 0	N 0	10	10	0	.	≡° I
7	2.4	6.8	2.2	3.8	1.3	733.8	732.9	733.6	69	41	67	N 0	N 0	N 0	10	8	0	.	
8	−1.4	5.6	1.6	1.9	−0.7	733.8	732.8	732.8	83	54	76	N 0	SSW 0	N 0	6	10	10	3.4	● ✳ $22^{1}/_{2}$-n
9	0.4	4.2	3.0	2.5	−0.2	731.8	734.5	735.8	85	64	77	N 0	W 0	W 0	10	10	10	3.3	● ✳ ≡° n-p
10	2.0	7.5	5.0	4.8	2.0	737.6	737.7	736.6	83	54	82	W 0	SW 0	NW 0	10	9	10	.	
11	4.2	6.0	4.8	5.0	2.1	735.8	734.0	733.4	86	73	80	NW 0	SE 0	N 0	10	10	10	.	
12	3.6	7.8	6.0	5.8	2.8	732.6	731.2	735.3	81	58	76	NW 0	SE 0	SE 1	10	3	5	.	≡° I, III
13	3.0	7.0	3.4	4.5	1.4	736.9	736.8	737.8	79	51	71	SW 0	SE 0	SE 0	9	1	9	.	
14	0.0	6.0	1.6	2.5	−0.7	738.3	739.1	739.3	83	56	73	NE 0	SE 0	E 0	1	9	9	.	
15	2.4	4.2	3.0	3.2	−0.1	738.3	737.8	737.7	75	56	65	NW 0	SSE 0	S 0	10	10	10	.	
16	2.6	6.0	1.2	3.3	−0.1	737.8	738.0	737.5	65	50	66	NNW 0	S 0	N 0	10	8	7	.	
17	1.0	7.4	2.4	3.6	0.1	735.5	733.7	732.6	76	50	72	N 0	SW 0	NE 0	5	8	2	.	
18	−0.4	9.4	5.8	4.9	1.3	729.9	727.4	726.1	81	48	69	N 0	SE 0	SE 0	2	1	10	24.0	
19	2.6	5.6	2.0	3.4	−0.3	724.4	721.8	721.4	87	66	84	SSE 0	N 0	N 0	10	10	2	2.0	●² $4^{1}/_{2}$-I, a ●
20	1.0	5.4	3.6	3.3	−0.6	724.8	726.9	730.1	87	71	66	SE 0	S 1	S 0	2	9	10	.	⌙° I
21	0.4	8.0	1.6	3.3	−0.7	730.1	728.8	727.0	71	43	68	N 0	SSE 0	N 0	8	2	1	.	
22	−0.6	10.0	3.8	4.4	0.3	725.2	724.2	725.6	71	41	55	NW 0	S 0	N 0	0	0	2	.	⌙° I
23	3.4	7.6	1.2	4.1	−0.1	725.8	726.5	728.0	63	51	78	N 0	E 1	E 0	10	10	0	.	
24	−0.6	7.0	4.2	3.5	−0.8	729.4	728.2	729.0	77	53	76	N 0	SSW 1	N 0	6	10	10	.	p ●°
25	2.8	10.8	3.8	5.8	1.3	728.6	727.8	730.0	85	46	73	N 0	SSE 0	N 0	10	2	0	.	
26	0.8	11.8	6.0	6.2	1.6	731.6	730.3	730.0	75	45	75	N 0	SE 0	N 0	3	10	10	22.0	⌙° I, n ●²
27	4.8	7.2	3.4	5.1	0.4	726.8	725.8	726.8	88	68	81	S 0	S 0	N 0	10	10	10	7.0	a ●
28	0.6	12.2	5.6	6.1	1.3	729.7	730.3	731.1	68	38	51	N 0	ENE 0	N 0	8	4	2	.	
																		Summe	
Mittel	1.9	7.8	3.4	4.3	—	733.2	732.6	732.8	79	54	72				6.9	6.6	5.4	61.7	

Basel.

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

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Bernoullianum.

1	8.0	9.0	8.4	8.5	8.0	746.6	746.4	746.0	86	84	86	SW 1	W 1	W 0	10●	10	10●	11.0	● $3^{3}/_{4}$-$4^{1}/_{4}$, $7^{1}/_{4}$-$12^{1}/_{2}$, [$19^{1}/_{4}$-$22^{1}/_{4}$
2	6.4	7.0	6.6	6.7	6.1	745.4	745.6	744.9	79	71	79	W 1	W 1	SE 1	10	10	10	.	
3	6.4	8.8	5.2	6.8	6.1	744.0	742.8	740.4	76	68	94	W 1	SW 1	E 1	10	9	2	.	
4	4.4	7.6	6.0	6.0	5.2	736.9	736.4	737.3	97	81	97	SE 1	NE 1	SW 0	10	10	10●	3.2	≡° I, ● $18^{1}/_{2}$-3
5	4.4	6.2	4.4	5.0	4.1	738.5	738.1	738.1	93	76	66	N 1	SE 1	E 1	10	7	6	.	
6	1.2	3.8	1.8	2.3	1.4	735.4	733.1	731.2	82	71	75	E 1	E 1	E 1	10	8	0	.	
7	0.4	6.8	3.6	3.6	2.6	732.2	730.9	730.2	86	63	87	SE 1	SE 1	SE 1	4	6	2	.	≡° I
8	4.0	9.2	6.5	6.6	5.5	725.6	723.2	723.8	68	47	68	SE 2	SE 2	E 1	3	8	10●	7.8	☔ n-II, ● $17^{1}/_{4}$-$1^{1}/_{2}$
9	6.2	9.5	3.6	6.4	5.2	731.4	733.8	735.8	85	68	89	SW 1	NW 1	SE 0	10	9	0	.	●° 12-$12^{1}/_{4}$
10	−0.8	7.6	4.0	3.6	2.3	735.0	733.0	733.9	96	65	83	SE 0	E 1	SE 1	5	5	9	0.1	⌙ I, ●° 21
11	3.4	4.4	5.5	4.4	3.0	733.3	732.4	733.4	93	93	95	SE 1	SE 1	NW 1	10●	10●	10●	20.0	●° 4-$4^{3}/_{4}$, ● I-n
12	4.2	4.2	3.4	3.9	2.4	736.4	737.6	739.4	97	97	90	W 1	NW 1	NW 1	10●	10	10	0.6	● n-$6^{1}/_{2}$, ●°-$9^{1}/_{4}$
13	2.2	5.2	2.2	3.2	1.5	739.6	738.9	739.2	96	78	93	NW 1	NW 1	NW 1	10	10	10	.	
14	1.0	5.2	2.4	2.9	1.1	741.0	740.3	739.0	93	61	75	NW 1	E 1	E 0	10	5	0	.	≡° I
15	1.2	5.8	3.2	3.4	1.5	737.5	737.1	736.1	91	79	90	SE 1	S 1	SE 1	10	10	5	.	
16	3.0	7.6	7.0	5.9	3.9	734.9	734.7	734.8	86	78	83	S 1	SE 1	S 1	7	10	10	1.5	●° 17-$20^{1}/_{4}$
17	3.8	7.8	4.4	5.3	3.2	734.2	732.3	732.7	97	72	90	S 1	W 1	W 1	10	10	10●	7.2	● 2-4, 10-$15^{1}/_{2}$, $19^{1}/_{2}$-III
18	4.2	7.2	1.0	4.1	1.9	731.3	728.2	724.1	90	77	100	W 0	E 0	NW 0	10	10	10●	8.5	● $6^{1}/_{2}$-$6^{3}/_{4}$, 17-n
19	4.0	4.6	4.6	4.4	2.1	724.7	724.2	723.9	87	90	87	SW 1	W 1	S 1	10	9	10	1.0	● n-$2^{3}/_{4}$, $6^{1}/_{2}$-7, 13-$13^{1}/_{4}$, *)
20	3.0	6.4	3.0	4.1	1.7	726.6	728.0	729.7	93	68	73	SE 1	W 1	S 1	7	7	1	.	●° $1^{1}/_{4}$-$2^{1}/_{2}$
21	−0.8	6.6	4.2	3.3	0.7	728.6	726.7	724.1	92	53	81	SE 1	S 1	SE 1	7	9	0	4.1	⌙ I, ●° 17-$19^{1}/_{2}$, ● $22^{1}/_{2}$-$2^{1}/_{2}$
22	3.2	9.0	5.0	5.7	3.0	725.5	724.4	723.0	93	45	70	SW 0	W 1	SE 1	10●	7	1	2.0	●° 7-$8^{1}/_{4}$
23	4.2	9.0	4.2	5.8	3.0	725.7	726.4	727.4	81	52	68	SW 1	SW 1	SE 1	10	7	7	.	● $1^{1}/_{4}$-$2^{1}/_{4}$
24	2.8	8.8	5.8	5.8	2.9	725.1	723.5	724.4	80	49	71	SE 1	SE 1	SE 1	8	10	7	5.6	
25	4.2	7.4	7.4	6.3	3.3	725.5	727.4	731.2	97	86	81	E 1	W 1	SW 1	10●	10●	10	3.8	● $4^{1}/_{4}$-II, 18-$20^{3}/_{4}$
26	6.0	10.8	8.3	8.4	5.3	731.4	727.0	725.8	85	59	84	S 1	S 1	SW 1	7	10	10●	5.0	● 15-$17^{3}/_{4}$, $20^{1}/_{2}$-$23^{3}/_{4}$
27	7.4	10.8	7.6	8.6	5.4	725.9	725.3	727.3	65	48	62	W 1	W 2	SW 1	10●	7	8	1.0	●° $12^{1}/_{2}$, ☔ II, ● $19^{3}/_{4}$-20
28	6.2	9.2	8.8	8.1	4.7	730.1	731.6	729.9	71	57	58	SW 1	SW 2	SW 2	10	9	9	1.9	● $1^{1}/_{2}$-$2^{1}/_{4}$, $7^{3}/_{4}$-$13^{3}/_{4}$, p ☔
																		Summe	
Mittel	3.7	7.3	4.9	5.3	—	733.1	732.5	732.4	87	69	81				8.9	8.6	7.0	84.3	*) **19.** $17^{3}/_{4}$-$18^{3}/_{4}$, $22^{1}/_{4}$-$22^{1}/_{2}$

Februar 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$.
$Hb = 2500.1^{m}$. $G = -0.16\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	-5.2	-3.8	-2.4	-3.8	5.3	564.9	565.9	**566.1**	100	100	100	S 3	SSW 3	WSW 2	10≡*	10≡*	10*≡	33.1	≡ ✳² ☩
2	-5.1	-5.5	-4.5	-5.0	4.1	565.7	565.9	565.4	100	55	50	S 3	WSW 4	SW 5	10≡	7	9	.	≡ l, a ☄, p ☄
3	-2.8	-2.8	-3.0	-2.9	6.1	565.2	564.7	563.5	60	29	56	WSW 4	WSW 4	WNW 0	7	1	0	.	☄ n-17
4	-1.9	-3.4	-6.4	-3.9	5.1	559.8	558.7	558.7	22	70	100	SW 2	SW 2	WNW 2	8	7	10	2.4	≡ 14-18½, ✳ 17½-18½
5	-8.4	-8.0	-6.6	-7.7	1.3	558.0	558.2	558.3	100	100	21	NW 1	ENE 2	E 0	10≡*	2	0	.	≡ ✳° 4-10³/₄
6	-5.8	-3.4	-8.2	-5.8	3.2	556 5	555.2	553.6	4	**3**	100	E 3	ENE 2	W 4	0	0	0	1.0	☄ III, n ✳
7	-8.1	-10.0	-7.2	-8.4	0.6	553.6	553.9	554.5	100	100	100	W 3	W 3	WNW 3	10≡	3	1	.	≡ n-10³/₄, ☄
8	-3.4	**0 0**	-3.5	-2.3	6.7	553.1	552.0	551.3	70	58	70	SW 3	SSW 1	S 1	2	7	6	8.5	☄ n-l
9	-8 4	-7.2	-8.8	-8.1	0.9	553.0	555.4	557.3	100	100	100	W 4	W 2	W 0	10≡*	10≡	10≡	5.6	✳ ☩ 4-11, a ☄, ≡
10	-8.2	-5.8	-5.6	-6.5	2.5	557.0	557.1	557.0	100	81	28	SSW 2	SSW 2	WNW 1	2	5	8	.	
11	-7.1	-5.0	-8.1	-6.7	2.2	555.9	555.0	554.8	100	100	100	W 2	SSW 1	E 2	10≡	10	10≡	0.2	≡ 6¹/₂-11, III-n, ✳° 18-19, n
12	-9.1	-8 9	-10.9	-9.6	-0.7	556.1	556.8	557.8	100	100	100	ENE 2	WNW 1	NNW 1	10≡	10≡*	10≡*	1.9	✳ 9½-16, 21¹/₄-n, ≡
13	-11.0	-8.5	-12.2	-10.5	-1.6	558.0	558.1	558.0	100	100	99	WNW 1	WNW 1	WNW 0	10≡*	10≡	10	2.6	✳ n-13, ≡, ✳ △ 15-17
14	-13.5	-11.0	-11,8	-12.1	-3.2	558.2	558 8	558.1	99	98	99	NNW 1	WSW 1	SW 4	3	2	9	0.4	☄ III-n, n ✳°
15	-12.2	-9.5	-10.0	-10.6	-1.7	555.9	556 5	556.4	100	100	100	WSW 5	W 1	WSW 2	10≡*	10≡*	10	28.4	☄ n-l, ✳² ☩ n-20, ≡
16	-7.8	-6.2	-7.2	-7.1	1.8	557.0	557.3	556.0	100	100	100	WSW 2	WSW 2	WSW 3	10≡*	10≡	10≡*	29.3	✳² n-10³/₄, 19-n, ≡ n-11, *)
17	-9.2	-8 2	-10.2	-9.2	-0.3	555 2	554.4	552 9	100	100	100	WSW 2	SW 2	SW 2	10≡*	10≡*	10≡*	55.3	✳² ☩ n-16, ≡, ✳² 11½-n
18	-10.7	-8.6	-8.0	-9 1	-0.3	551.8	550.9	548 7	100	100	100	SW 2	WSW 2	SSW 2	10≡*	10≡*	10≡*	53.4	☄ 10¹/₂, ≡ ✳² ☩² n-16,
19	-10.0	-10 0	-10.8	-10.3	-1.5	547.3	547.3	**547.0**	100	100	100	SW 1	NW 1	NW 2	10≡*	10≡*	10≡*	56.8	≡ ✳² ☩² [20¹/₂-n
20	-11 6	-10 0	-13 4	-11.7	-2 9	547.9	549.6	551.1	100	100	100	WSW 2	SW 1	SW 2	10≡*	10≡*	10≡*	8.8	≡ ✳ ☩° n-17½, ♉ III
21	-14 0	-11.5	-10.1	-11.9	-3.1	550.1	549.3	548.2	95	68	85	SW 1	SW 3	SW 5	1	7	10≡*	31.1	p ☄, ≡ ✳² ☩² ☄ 20½-n
22	-11.8	-10.5	-8.9	-10.4	-1.7	547.8	547.9	548.1	90	90	89	SW 3	SW 3	SW 3	10≡*	8	8	0.8	a ≡ ✳° ☩ ☄, p ≡°-≡, *)
23	-10.0	-8.6	-10.9	-9.8	-1.1	548.6	549.6	550.4	97	96	95	SW 0	SW 2	SW 3	10≡*	8	4	4.6	≡ ✳ 7-10½, ✳ ☄ p,
24	-8 2	-5.2	-7.7	-7.0	1.7	549.6	549.3	549.9	40	35	90	SW 2	SW 0	SW 3	7	7	9	.	☄ III [≡° II
25	-7.6	-6.6	-7.5	-7.2	1.4	550.0	550.8	553 2	84	100	100	E 0	W 4	SSW 3	9	10≡*	10≡*	**63.4**	☄ II, ≡ ✳² ☩² 10¹/₂-n
26	-8.1	-7.0	-4.0	-6.4	2.2	554.2	553.0	551.2	100	72	82	SW 3	SW 2	SW 4	10≡*	9	10≡*	32.2	≡ ✳² ☩ n-9, ≡ ✳ ☄ III-n
27	-8 2	-8.2	-9.5	-8.6	0.0	550.0	549 4	550.3	100	95	96	SW 3	WSW 3	SW 3	10≡	10≡*	10≡*	30.4	≡, ✳² ☩ 11½-n, ☄ III
28	-9.9	-9.1	-9.0	-9.3	-0.8	551.6	553.0	552.5	100	100	91	WSW 3	SW 3	W 4	10≡*	10≡*	10≡*	45.0	≡, ✳² ☩ n-14, 19-n, ☄ III
																		Summe	*) **16.** 19-n, p ☄
Mittel	-8.5	-7.2	-8.1	-7.9	—	554.7	554.8	554.7	88	84	87				8.2	7.6	8.0	495.2	*) **22.** ♉ III

Februar 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$Hb = 2102.9^{m}$, $G = -0.14\,{}^{m}/_{m}$.

1	-2.0	0.0	-0.5	-0.8	6 9	594.9	595.3	**595.5**	89	90	54	N 3	N 3	N 3	0	0	0	.	☄ ☩²
2	0.8	1.2	-1.0	0.3	8.0	595.4	595.2	594.9	67	**45**	60	N 2	N 2	N 1	0	0	0	.	
3	1.8	3.5	-3.1	0.7	8.4	594.7	594.2	591.9	54	50	53	N 1	N 1	N 0	0	0	0	.	
4	-0.8	**4.0**	-4.1	-0.3	7.3	589.3	587.8	587.5	61	60	100	SE 1	SE 1	N 2	4	4	10≡	.	≡ 19¹/₄-n
5	-6.8	-5.4	-7.2	-6.5	1.1	586.9	587.1	587.6	95	68	80	N 1	N 1	N 0	10≡	0	0	.	≡ n-9
6	-9.2	-0.4	-7.5	-5.7	1.9	585.6	584.2	583.1	70	59	56	N 0	N 0	N 1	0	0	0	.	
7	-6.7	-2.6	-6.1	-5.1	2.5	582.7	583.5	584.0	68	65	65	N 2	N 0	S 0	0	0	0	.	
8	-6.8	-5.0	-8.3	-6.7	0.8	582.3	582.1	581.8	69	65	98	S 1	S 2	S 2	2	5	10≡	.	≡ 16½-n
9	-6.4	-5.2	-7.2	-6.3	1.2	582.4	584.0	586.4	100	100	98	N 1	N 2	N 2	10≡	10≡	0	.	≡ n-18¹/₄
10	-8.2	-2.3	-6.0	-5.5	2.0	587.7	587.5	586.8	89	70	91	S 0	SSE 1	S 0	2	6	10	.	
11	-6.0	-2.2	-6.5	-4.9	2.5	585.0	584.1	583.5	90	75	93	S 0	S 0	S 0	10	10≡	10≡	.	≡ 11-n
12	-7.0	-6.4	-7.6	-7.0	0.4	584.6	585.5	586.7	95	90	95	N 2	N 2	N 2	10≡	10≡	10≡	.	≡ ☩
13	-8.2	-7.0	-9.0	-8.1	-0.7	586.8	587.2	587.1	96	70	95	N 1	N 1	N 1	10≡	5	10≡	.	≡ n-9¹/₄, 20¹/₂-n
14	-10.4	-8.8	-10.5	-9.9	-2.5	587.6	588.0	587.6	90	60	71	N 2	N 2	N 1	10≡	0	0	.	≡ n-10
15	-8.8	-5 4	-6.0	-6.7	0.6	586.2	586.1	586.2	70	80	82	N 0	N 1	N 1	2	4	0	.	
16	-6.2	-0.4	-8.5	-5.0	2.3	586.5	587.0	586.6	80	59	68	N 1	N 1	N 0	2	1	0	.	
17	-6.2	-3.0	-6.0	-5.1	2.1	585.4	584 4	583.3	84	60	90	N 0	N 0	S 1	4	8	10*	**18.6**	✳ 20¹/₄-n
18	-7.4	-5.0	-7.2	-6.5	0.7	582.1	580.7	579.6	98	60	98	N 1	N 1	S 3	10	0	10≡	7.6	≡ 18-n, n ✳
19	-7.6	-7.1	-11.8	-8.8	-1.7	576.5	575.6	**575.5**	97	95	95	N 2	N 3	N 3	10≡	10≡	10≡	2.5	≡ ☄ ✳
20	-10.2	-8.8	**-13 1**	-10.7	-3.6	577.5	578.9	580.7	80	90	75	N 1	N 1	N 1	0	7	0	.	
21	-12.6	-5.5	-11.2	-9.8	-2.7	579.5	579.4	577.2	81	50	85	N 0	S 1	SE 0	0	3	0	.	
22	-3.2	-1.0	-7.0	-3.7	3.3	576.5	577.6	578 1	81	59	85	SE 1	NE 0	E 1	10	0	0	.	
23	-8.5	-6.2	-8.5	-7.7	-0.7	577.4	578.6	579.8	89	70	71	SE 0	N 1	N 1	10	10	0	.	
24	-8.8	-3.8	-8.0	-6.9	0.0	579.6	579.3	579.5	60	70	92	N 1	S 2	S 1	0	10	10≡	.	≡ 20¹/₂-n
25	-7.4	-2.2	-5.0	-4.9	2.0	579.2	580.0	582.9	80	61	100	S 0	S 0	N 2	10	10	10*≡	7.9	≡ ✳ 17-n
26	-7.0	0.0	-5.1	-4.0	2.8	583.9	583.4	582.1	90	59	90	N 0	SE 1	SE 2	3	10	10≡	.	≡ 18-n
27	-6.0	-3.2	-7.0	-5 4	1.4	579.1	578 9	579 7	65	86	85	SE 1	SE 0	N 1	10	10	5	5.5	n (27/28) ✳
28	-7.1	-3.4	-2.0	-4.2	2.5	582.0	583.4	583.5	94	59	78	N 1	N 0	N 0	10	10	0	.	
																		Summe	
Mittel	-6.5	-3.3	-6.8	-5.5	—	584.2	584.2	584.3	81	69	82				5.3	5.1	4.5	42.1	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

März 1923.
Tellur. Observatorium

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	5.0	6.7	3.4	5.0	3.0	706.9	708.1	709.4	66	74	81	SW 3	SW 3	SW 0	9	7	10	3.2	↙, ● $9^{1}/_{4}$–14
2	2.7	6.2	5.2	4.7	2.6	706.2	704.7	700.5	94	94	96	SW 0	S 0	SE 1	10●	10●	10●	**9.0**	● $5^{1}/_{2}$-n, ↙ 22-n [△ $18^{1}/_{2}$
3	5.2	5.9	2.6	4.6	2.3	**693.6**	695.9	697.5	72	68	88	SW 3	SW 1	SE 1	10	10	10	0.8	● n–$4^{1}/_{2}$, a ↙, ● $7^{3}/_{4}$, n,
4	2.2	4.4	2.4	3.0	0.6	699.1	700.8	705.4	91	68	93	SW 1	SW 1	NW 0	10	10	10	0.3	✳° 8–9, ●° $14^{1}/_{2}$–18, n
5	1.5	3.1	2.4	2.3	−0.2	710.0	711.7	714.4	91	82	86	N 0	N 1	NE 0	10	10	10	.	
6	2.0	5.3	1.8	3.0	0.4	715.3	714.8	713.2	91	70	86	NE 0	E 0	NW 0	10	6	0	.	
7	1.4	3.4	4.2	3.0	0.2	709.5	708.1	707.1	91	95	79	SSW 0	SW 0	SW 1	10	10●	0	7.7	✳ $8^{1}/_{4}$–11, n, ● 11–20
8	1.2	5.2	3.3	3.2	0.3	705.1	704.4	704.7	97	82	88	SW 0	SW 1	W 0	10	10	10	2.8	●° ✳° $7^{3}/_{4}$–$8^{1}/_{4}$, ●° 9-$16^{1}/_{2}$
9	1.9	4.2	1.6	2.6	−0.4	705.7	706.3	707.1	95	87	94	W 0	NE 1	NE 1	10	10	10●	2.5	● $4^{1}/_{2}$–$6^{1}/_{4}$, ✳° $9^{1}/_{2}$–$9^{3}/_{4}$, *)
10	0.4	4.2	1.7	2.1	−1.0	706.5	705.6	705.5	98	75	94	NW 0	N 1	NE 0	10	10	10	3.5	≡° 1-9, ✳° $8^{1}/_{4}$–9, 22-n, *)
11	−0.7	2.5	0.2	0.7	−2.6	705.3	706.6	710.0	98	81	85	NE 1	NE 1	NE 1	10*	10	10	0.1	a ✳°
12	1.2	4.0	1.8	2.3	−1.1	712.9	714.2	716.0	81	72	74	S 0	NE 1	NE 0	10	10	6	.	
13	−1.7	2.5	2.0	0.9	−2.7	715.1	714.0	712.5	95	76	72	SW 0	NE 1	NE 0	5	10	10	.	⌊ 1
14	1.2	2.0	0.8	1.3	−2.4	710.3	709.1	709.0	74	82	82	NE 2	NE 2	NE 1	10	10	10	1.4	↙ n-p, n ✳
15	−0.5	2.7	2.0	1.4	−2.4	708.3	709.4	712.2	100	83	90	NE 1	NE 1	NE 1	10	10	10	.	
16	1.8	5.3	1.0	2.7	−1.2	713.7	714.0	714.5	85	75	88	NW 0	NE 1	N 0	10	8	4	.	
17	**−3.0**	5.3	0.4	0.9	−3.2	714.2	713.9	714.0	100	75	95	SW 0	NE 1	N 1	10≡	2	5	.	⌊ ≡ n-11
18	0.5	5.2	0.3	2.0	−2.2	714.3	714.1	714.7	94	82	92	N 1	NNE 1	N 1	10	8	3	.	
19	−1.2	1.7	0.4	0.3	−4.1	714.6	714.1	714.3	98	88	93	NW 0	NW 0	N 0	10	10	4	.	a ⌊ ≡°
20	0.0	8.9	5.2	4.7	0.2	713.4	711.6	712.2	100	71	86	ESE 1	N 1	W 0	10	6	2	.	≡° n-10
21	3.7	8.7	6.4	6.3	1.7	712.9	712.4	713.2	94	80	96	W 0	W 1	W 0	9	10●	10●	2.4	△ ≡° n-8, ● 11-n
22	5.5	11.8	8.5	8.6	3.8	713.7	713.5	713.0	98	74	88	SW 0	NW 1	WSW 0	10	7	6	.	△ ≡° n-9
23	3.9	13.4	9.2	8.8	3.9	713.5	712.2	712.8	96	63	53	SW 0	NE 0	SE 1	7	1	2	.	△ ≡° n-8
24	5.3	13.4	8.6	9.1	4.1	715.6	715.4	716.5	65	49	81	SE 0	NNW 0	E 0	7	5	0	.	
25	5.0	14.6	9.4	9.7	4.5	717.7	716.7	717.9	84	58	77	SE 1	N 1	SW 1	7	1	3	.	△ 1
26	4.4	14.6	9.4	9.5	4.2	**718.6**	717.6	717.5	88	60	75	SW 0	NE 0	W 0	6	1	2	.	△ 1
27	4.7	**14.7**	9.2	9.5	4.1	718.0	716.7	717.0	81	53	69	S 0	N 0	SW 0	2	1	1	.	△ 1
28	4.9	14.4	9.2	9.5	3.9	717.9	716.7	718.2	82	**48**	84	SE 1	NW 1	SW 0	8	4	10●	1.0	△ 1, ● $19^{1}/_{4}$-n
29	7.0	9.6	7.8	8.1	2.4	718.2	718.0	718.3	92	76	87	NE 1	NE 1	NE 1	10●	10	10	.	● n–8, 11–12
30	6.4	10.6	6.3	7.8	1.9	717.7	717.7	717.1	92	75	88	NE 0	N 0	W 0	9	10	2	.	△ 1
31	3.4	12.9	8.8	8.4	2.4	716.4	713.1	710.9	93	62	68	SW 0	W 1	SE 1	6	7	2	2.3	△ 1, ⛆° $20^{1}/_{2}$, ●–$20^{3}/_{4}$, *)
Mittel	2.4	7.3	4.4	4.7	—	711.6	711.3	711.8	90	73	84				8.9	7.5	6.2	Summe 37.0	Keine Angaben über Schneebedeckung.

*) **9.** ● $17^{1}/_{2}$–23 *) **10.** ● $18^{3}/_{4}$–21 *) **31.** $1^{1}/_{2}$-2

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$.
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

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1	5.0	6.2	3.8	5.0	1.5	714.8	716.2	717.6	70	80	87	W 2	SW 2	W 2	8	7	10	6.5	a ●, ↙, p ●°, n ● ↙
2	3.8	6.0	5.8	5.2	1.6	714.2	712.4	707.1	93	95	97	SW 3	SW 2	N 0	10	10●	10●	**20.6**	↙ n–11, ●, n ●
3	2.8	4.3	3.0	3.4	−0.4	**701.1**	704.2	705.9	94	89	90	W 4	W 2	W 1	10●	10●	10	8.8	↙ 1, ↙–11, ● n-19, n, ✳° 8
4	2.4	3.7	3.2	3.1	−0.8	707.1	709.0	713.6	83	87	83	N 1	W 1	NW 1	10	10	10	0.6	●° n-17
5	3.3	4.5	3.1	3.6	−0.4	717.6	719.7	722.5	71	69	83	E 1	NE 1	NE 0	8	10	10	.	
6	0.8	8.0	1.4	3.4	−0.8	723.5	722.7	721.1	85	60	85	NE 1	SE 1	N 0	8	3	2	.	
7	2.2	4.0	4.3	3.5	−0.8	717.6	715.9	715.0	86	93	86	W 1	W 1	W 2	10●	10●	10●	11.5	● 1-n
8	2.4	3.3	3.0	2.9	−1.5	712.7	712.3	712.6	96	95	97	W 1	W 1	W 1	10	10	10	2.8	●, n ●
9	1.8	3.8	2.9	2.8	−1.8	713.6	714.1	715.2	98	92	93	NE 0	E 1	NE 1	10	10	10	0.4	●° n–24 [$15^{1}/_{2}$-n
10	1.7	7.1	2.3	3.7	−1.0	714.3	713.5	713.6	96	74	93	NE 0	SE 1	NE 0	10	8	10●	3.4	a ●°, ✳° $15^{1}/_{2}$–$16^{1}/_{2}$, ●
11	0.4	3.8	1.8	2.0	−2.8	713.5	714.9	718.2	96	77	75	NE 1	NE 1	N 1	10	9	10	0.5	✳° n–11
12	0.7	7.0	1.9	3.2	−1.8	720.7	722.0	723.9	81	56	75	NE 1	E 1	NE 1	7	7	5	.	
13	0.7	6.6	2.9	3.4	−1.7	723.2	721.9	720.5	77	58	73	NE 1	NE 1	NE 1	4	7	10	.	
14	2.6	3.8	1.7	2.7	−2.6	718.1	717.0	716.9	74	70	81	E 2	E 2	E 2	10	10	10	3.2	↙
15	0.5	3.7	3.2	2.5	−2.9	716.1	717.8	720.1	98	75	83	NE 1	NE 2	NE 1	10*	10	10	.	✳ n-1
16	2.3	7.3	3.3	4.3	−1.2	721.5	722.0	722.5	84	63	75	NE 1	E 1	NE 1	10	7	1	.	
17	0.8	6.1	3.2	3.4	−2.3	722.2	722.2	721.8	96	72	79	NE 0	E 1	NE 2	10	9	1	.	
18	1.7	7.3	2.0	3.7	−2.1	722.1	722.2	723.1	84	67	80	NE 1	NE 1	NE 1	10	7	1	.	↙
19	**−0.8**	3.3	0.8	1.1	−4.8	722.6	722.4	722.3	96	82	91	NE 1	E 1	NE 1	8	10	4	.	⌊² 1
20	0.0	8.0	4.8	4.3	−1.8	721.4	720.0	719.7	97	67	77	NE 1	S 1	N 0	10≡	9	3	0.2	≡ n–8
21	3.8	7.9	6.4	6.0	−0.2	720.5	721.0	721.4	90	85	94	NE 0	SW 1	N 0	10	10●	10	3.4	n a ●°, p ●
22	5.5	12.4	7.8	8.6	2.3	721.4	721.3	720.8	100	73	83	NE 0	S 1	S 1	10≡	3	1	0.6	●° n-9, ≡ n-10
23	3.5	15.7	8.5	9.2	2.7	721.2	720.1	720.3	100	48	68	NE 1	S 1	NE 1	7≡	0	4	.	≡ n–$9^{1}/_{4}$
24	5.9	16.1	8.2	10.1	3.5	723.1	723.2	724.0	90	51	73	NE 0	S 1	NE 0	9	5	0	.	≡° 11
25	5.6	16.0	9.2	10.3	3.5	725.4	724.9	725.7	91	51	72	NE 1	S 1	N 1	7	2	3	.	
26	5.7	16.5	9.0	10.4	3.5	726.3	725.7	725.1	95	55	75	NW 0	S 1	N 0	6	7	1	.	≡° n–11
27	5.4	16.1	9.4	10.3	3.3	725.9	724.8	724.5	93	50	65	NE 1	S 1	NW 0	2	2	8	.	
28	6.2	**16.6**	10.0	10.9	3.7	725.6	724.5	725.8	88	**44**	71	NE 0	SW 1	NW 1	7	6	10	.	p ↙
29	7.9	11.2	8.9	9.3	2.0	**726.1**	726.0	**726.1**	85	66	80	NE 0	E 1	NE 1	10	10	10	.	●° n-9
30	8.4	12.3	6.7	9.1	2.3	725.2	725.6	724.8	85	64	83	E 1	E 1	NE 1	9	10	0	.	
31	3.2	13.2	7.8	8.1	0.5	723.2	720.9	718.1	100	61	76	NE 0	SW 1	NW 1	8≡	8	6	0.7	≡² $6^{3}/_{4}$–11, ●° $19^{1}/_{2}$, n
Mittel	3.1	8.5	4.8	5.5	—	719.4	719.4	719.7	89	70	81				8.6	7.6	6.5	Summe 63.2	

März 1923.
Beobachter: Frl. *H. Nager*.

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.3^{m}$, $G = 0.05\ ^{m}/_{m}$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	4.2	6.0	4.0	4.7	1.4	716.6	719 0	720.1	90	75	69	E o	S o	N o	10●	10	8	0.6	a ●
2	4.0	9.0	3.8	5.6	2.2	716 8	714.3	710.1	66	56	37	SW o	N o	E 2–3	10●	10●	10	0.5	●° n–ll, 🌧 21–n
3	10.1	9.8	3.9	7.9	4.4	**701.7**	704.5	708.0	31	33	80	SE 3	NW o	W o	7	10	10●	2.4	🌧 l, ● III–n
4	1.8	6.3	4.1	4.1	0.4	709.4	711.4	716.3	100	46	75	NWo–1	NW o	NW o	10●	10	10●	2.2	● l, III
5	3.0	5.1	4.2	4.1	0.3	719.7	722.7	723.9	98	70	78	SE o	N 1	NW o	8	9	10	0.7	p ●°
6	3.5	6.2	3.0	4.2	0.3	725.7	725 3	723 9	85	55	84	E o	NW 1	E o	10	5	0	.	
7	2.6	5.4	2.7	3.6	–0.4	719.7	719 2	717.9	58	62	100	S o	N o	E o–1	4	10	10●	**5.5**	● III–n
8	2.1	7.5	3.9	4.5	0.3	715.7	714.3	715 2	99	45	83	NE o	NW o	NW o	10●	10	9	.	●° n–l
9	1.9	5.8	2.5	3.4	–0.9	716 2	716.1	717.4	76	76	100	W o	W o	NW o	10	10●	10●	5.4	p n ●
10	2.4	4 4	2.8	3.2	–1.2	717.0	716.7	716.1	98	70	92	S o	N o	NE o	10●	10	10●	1.3	● l, III
11	2.1	4.9	3.3	3.4	–1.2	716.1	717.5	720.7	96	69	63	SW o	W o	N o	10	10	10	.	
12	2.1	4.0	3.1	3.1	–1.6	723.4	725.2	726.5	79	55	66	W o	N 1	NW o	9*	9	10	.	✳° l
13	1.1	5.0	2.9	3.0	–1.8	725.8	724.6	723 4	60	50	70	S o	SW 1	NE o	8	4	10	.	
14	1.9	4.6	3.2	3.2	–1.8	721.1	719.4	719.4	55	50	69	S o	SWo–1	NW o	10	10	10	.	n (14/15) ✳°
15	1.7	4.6	3.3	3.2	–1.9	719.0	719.9	722.7	95	62	87	N o	NW o	E o	10●	10	10	.	●° l
16	2.6	6.1	2.0	3.6	–1.6	724.5	725 5	725.6	77	55	88	S o	NW 1	E o	10	3	0	.	
17	-0 5	6.1	4.2	3.3	–2.1	724.8	724.8	725.2	98	85	80	S o	W o	NE o	3	3	10	.	
18	3 1	5 9	0.5	3.2	–2.3	725.5	725.1	726.0	73	51	93	SE o	NW o	NE o	10	1	0	.	
19	1.5	4.8	1.8	2.7	–2.9	725.1	724.4	725 2	86	68	94	W o	NWo–1	E o	8	0	0	.	
20	1.6	6.1	6.4	4.7	–1.1	724.6	723.1	721.9	95	62	64	S o	NW o	NW o	10≡	7	0	.	≡² l
21	3.8	6.0	7.7	5.8	–0.1	723 2	722.9	723.7	87	50	79	NE o	N 1	NW o	7	9	3	.	
22	5.4	13.0	12.3	10.2	4.2	724.3	723.9	722.7	95	49	35	SE o	NW o	SE 1–2	10	1	0	.	
23	10.2	**16.0**	11.7	12.6	6.4	723.2	723.3	724.1	37	**28**	33	E o–1	E 2–3	SE 1–2	0	0	2	.	🌧 II
24	5.7	15.4	9.8	10.3	4.0	726.0	725.3	727.4	65	57	53	W o	NE o	SE o	0	0	2	.	
25	5.4	13.3	7.3	8 7	2.3	728.2	727.0	728.6	75	47	63	W o	NW o	NW o	0	0	0	.	
26	4.5	15.2	9.3	9.7	3.1	728.9	727.9	728.4	70	38	44	W o	N o	SE o	0	0	0	.	
27	6.1	15.2	9.0	10.1	3.4	728.4	727 7	727.3	56	39	47	NE o	N 1	NW o	0	0	0	.	
28	6.1	15.4	9.3	10.3	3.5	728.1	726 4	**729.4**	63	40	81	NW o	W o–1	W o	0	4	10	2.7	☇ ● 18¾
29	7.7	12.4	9.2	9.8	2.8	728.8	727.7	728.7	98	62	88	NW o	N 1	NW o	10●	5	10	.	●° l
30	8.0	12.8	9.8	10.2	3.1	728.1	727.5	727.8	87	54	83	NE o	NW 1	NE o	4	5	3	.	
31	5.5	13.5	8.8	9.3	2.1	725.7	723.0	721.4	93	44	54	S o	W o	NE o	0	4	0	.	
																		Summe	
Mittel	3.9	8.6	5.5	6.0	—	722.0	721.8	722.4	79	55	72				6.8	5.8	5.7	21.3	

März 1923.
Observatorium

Genf.

$\lambda = 6^{\circ}\,9'$. $\beta = 46^{\circ}\,12'$.
$Hb = 405.0^{m}$, $G = 0.02\ ^{m}/_{m}$.

1	4.8	6.0	3.6	5.1	2.1	724 0	725.1	724.8	81	79	93	SW 1	SW 2	SW 1	10	10●	9	12.5	🌧 ll, ● 9–17, n
2	6.0	8.8	7.3	7.0	3.9	722.7	720.3	714.1	85	93	91	SSW 1	W 1	NW 1	10●	9	10●	**17.7**	● l–13, 18–n, n 🌧
3	4.0	5.4	3.8	5.9	2.7	**711.6**	712.4	713.5	85	78	95	SW 4	SW 1	SW 1	10●	10●	10	5.7	🌧 l, ●–9¼, 12–15, n
4	3.0	5.6	4.7	4.4	1.1	715.4	716.3	720.4	93	63	71	NNW 1	NNE 1	NNE 1	10●	9	9	0.3	a ●°
5	4.2	6.0	4.2	4.9	1.5	724.3	726.3	729.4	74	65	75	NNE 1	NNE 2	NNE 1	9	9	0	.	🌧 II
6	0 6	6.6	3.6	4.3	0.7	731.0	729.9	728.3	92	62	81	SW o	NNE 1	NNE o	1	0	0	0.2	n (6/7) ●°
7	2.0	7.0	6.4	4.5	0.8	725 5	724.7	722.9	96	74	67	SW o	SW 2	SSW 1	10	10	10	3.8	● 9–11, n, 🌧 II
8	4.0	6.0	3.9	4.9	1.1	721.0	720.1	720.0	80	73	90	SW 1	SW 1	W 1	4	9	10	4.2	●
9	3.0	5.5	4.4	4.1	0.2	721.1	721.2	722.3	97	76	87	SW o	NNE o	W o	10●	9	6	0.4	a ●°
10	2 4	7.2	2.6	3.6	–0.4	721.7	720.3	720.9	95	53	89	NNW o	NNE 1	SE o	10	4	10	0.2	n (10/11) ●°
11	2.2	4 8	3.5	3.4	–0.7	720.4	721.6	725 0	93	69	70	NE o	NNE 2	NNE 2	10●	9	10	0.2	a ●°, p 🌧
12	2.4	6.4	4.0	4.2	–0.1	727.7	728.7	730.7	75	49	63	NNE 1	NNE 2	NNE 2	1	8	0	.	p 🌧
13	**0.0**	5.4	3.3	3.0	–1.4	730.5	729.0	727.4	87	58	66	NNE o	NNE 1	NNE 1	9	1	5	.	
14	3.2	4.0	3.7	3.7	–0.8	725.0	724.0	723.4	73	71	73	NNE 1	NNE 2	NNE 1	10	10	10	.	🌧 II
15	2.4	5.4	3.8	3.8	–0.8	723.2	724.4	727.4	86	63	78	NE o	NNE 1	NNE 1	10	8	5	.	
16	3.0	6.0	4.3	4.5	–0.3	728.8	729.0	729.8	83	63	79	E o	NNE 1	NNE 1	10	0	0	.	
17	**0.0**	5.0	4.4	3.6	–1.3	729.8	729.6	729.2	94	75	78	SW o	NNE 1	NNE 1	10	9	0	.	a ⌴
18	2.8	6.4	4.6	4.6	–0.4	729.4	729 0	729.9	89	65	78	NE o	NNE 1	NNE 1	10	0	0	.	
19	2.4	5.4	3.9	3.9	–1.2	729.5	729.1	729.7	89	73	85	NE o	NNE 1	NNE 1	10	9	0	.	
20	2.8	8.0	7.3	5.5	0.2	728.7	727.3	727.3	93	64	85	SW o	NNE 1	SW o	10	10	10●	2.8	p n ●
21	5.6	8.6	6.3	6.8	1.4	728.0	728 1	728.9	97	86	97	SW o	SW o	NNE o	10●	10	10●	3.9	●
22	6.5	13.8	10.3	9.0	3.5	728.8	727.9	727.6	95	58	78	NNE o	W o	NNE o	9	1	8	.	
23	4.8	12.6	11.3	9.3	3.7	728 2	727.0	727.8	91	55	60	W o	NNE 1	NW o	1	3	9	.	
24	8.4	16.0	10.2	10.7	4.9	730.4	730.3	730.8	67	47	63	NNE o	NNE 1	NNE 1	9	2	0	.	
25	4.4	15.2	10.2	9.3	3.4	733.0	732.3	732.8	90	55	72	SW o	NNE 1	NNE 1	0	0	0	.	
26	6.0	14.0	10.3	10.2	4.2	**733.8**	732.8	732.7	91	57	72	NNE o	NNE 1	NNE o	1	1	0	.	
27	4.8	14.2	11.0	9.3	3.1	733.3	731.8	731.9	84	57	70	S o	NNE 1	NNE o	0	0	0	.	
28	6.2	**17.0**	10.5	10.8	4.5	733.0	732.1	732.9	79	**37**	63	SW o	SW 1	NW 1	1	4	10	1.1	n (28/29) ●
29	8.0	11.0	9.2	9.4	3.0	733.3	733.1	732.9	91	63	82	W o	NNE 1	NNE 1	10	9	9	.	
30	8.0	12.7	9.5	9.8	3.2	732.9	732.6	732.0	90	58	73	NNE o	NNE 1	NNE 1	10	1	0	.	
31	4.1	13.6	11.4	9.4	2.7	730.7	728.2	725.0	90	53	73	SSW 6	NNE o	NNE o	6	9	9	.	◐ 12, n ☇
																		Summe	
Mittel	3.9	8.7	6.4	6.2	—	727.0	726.6	726.8	87	64	77				7.4	5.9	5.5	53.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{h30}, 13^{h30} u. 21^{h30}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$

Zürich.

März 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	4.4	6.8	5.0	5.4	3.0	713.2	714 7	716.5	86	71	70	SW 3	SW 3	SW 2	9	5	1	0.5	☄, ● $1^{8}/_{4}$-$7^{1}/_{4}$, ●°-9, *)
2	2.4	8 0	4.2	4.9	2.4	713.3	711.8	707.8	87	80	99	S 1	W 1	SE 1	10●	9	10	12.5	● 1-$9^{1}/_{2}$, $12^{1}/_{2}$-$24^{1}/_{2}$, ☄ *)
3	3.5	7.3	3.0	4.6	2.0	**700.1**	702 4	704.5	95	58	84	NE 1	W 2	SW 1	8	10	10	4.0	☄, ●° 11-$11^{1}/_{2}$, 13, ● $14^{1}/_{2}$-n
4	1.8	4.1	2.8	2.9	0.2	706.3	708 7	713.5	94	82	90	W 1	NW 1	N 0	10	10	10	0.8	●° n-8, ●° ✶° 9-$10^{3}/_{4}$,
5	2.6	4.2	2.6	3.1	0.2	717.4	719 4	721.9	85	77	88	NE 1	N 1	NW 1	10	10	10	.	[✶° 15, ●° 20-21
6	2.6	4.4	1.8	2.9	−0.1	722.6	722.4	720.9	89	71	87	W 1	NW 1	W 0	10	9	3	.	
7	0.8	2.6	4.6	2.7	−0.4	716.8	715.3	714.4	94	94	80	SE 1	S 1	SW 1	8	10●	10	5.0	⌴ l, ●° $9^{3}/_{4}$-11, ●-$16^{1}/_{4}$, *)
8	2.6	8.0	2.6	4.4	1.1	712.7	711.9	712.5	96	64	95	SE 1	SW 1	SW 0	10	10	6	1.4	● $0^{1}/_{2}$-$1^{1}/_{2}$, ●° $3^{3}/_{4}$-$6^{1}/_{4}$, *)
9	2.4	6.4	1.6	3.5	0.1	713.2	713 5	714.8	97	71	96	NW 1	E 1	NW 1	10	10	10●	6.8	a ≡°, △ ●° $15^{1}/_{2}$-$15^{3}/_{4}$, *)
10	0 6	3.8	1.6	2.0	−1.6	714.1	713 4	713.5	99	79	92	NW 1	N 1	NE 0	10*	10	9	0.9	● n-6, ✶-$9^{1}/_{2}$, p ●°, *) ⊠
11	0.6	3.7	2.2	2.2	−1.5	713.6	714.3	717.7	84	68	74	NE 1	NE 1	N 1	10	10	10	1.6	
12	0.7	2.4	0.6	1.2	−2.6	720.5	721.9	723 6	97	79	90	NE 0	SW 1	SW 0	10*	10	3	2.1	● n-l, ✶-$8^{3}/_{4}$, ✶ -$10^{3}/_{4}$, ⊠
13	−0 3	3.2	2.8	1.6	−2 4	723 0	722.0	720.4	87	68	77	NE 0	E 1	NE 1	7	8	10	.	[$13^{3}/_{4}$-15
14	2.3	2.7	1.7	2.2	−1.9	718 4	717.5	716.6	80	75	81	NE 1	NE 1	NE 1	10	10	10*	2.3	●° 21-$21^{1}/_{4}$, ● ✶-n
15	0.8	4.2	2 2	2.4	−1.9	716.4	717.4	720.1	90	72	82	NE 1	E 0	NW 1	7	10	10	.	⊠
16	2 2	5 4	4.2	3.9	−0.5	721 5	721.8	722.0	81	68	83	NE 1	NE 1	NE 0	10	10	9	.	a ≡°
17	2.4	3 7	2.8	3.0	−1.5	721.7	722.3	722.0	92	80	85	NE 1	NE 1	NE 1	10	10	10	.	a ≡°
18	0.4	3.5	−0.5	1.1	−3.6	722 4	722 7	722.7	82	72	92	N 1	NE 1	N 0	10	10	0	.	
19	−0.8	3.1	0.2	0.8	−4.0	722.1	721.9	722.1	95	75	92	W 0	E 0	SE 0	10	10	3	.	⌴² l, a ≡°
20	**−2 1**	11.0	5.8	4.9	−0.1	721.7	719.8	719.2	100	58	79	NW 0	NE 1	NE 0	10≡	3	4	.	⌴ ≡ n-9, a ≡°
21	1.0	11.6	7.2	6.6	1.5	720.4	719.5	720.6	97	59	85	NE 1	NW 1	NW 0	2	9	10	1.1	≡ n-l, a ⌴ ≡°, ● $16^{3}/_{4}$-20
22	6.0	14.6	9.0	9.9	4.7	721.1	721.0	720.4	96	63	81	E 1	N 1	NE 1	10●	4	4	0.4	●° n-$8^{3}/_{4}$
23	3.2	16.6	8.6	9.5	4 1	720.5	719.8	720.3	98	53	48	NE 1	NW 1	E 1	5≡	1	0	.	≡ n-$9^{1}/_{2}$, a ≡°
24	5.0	16.8	9 7	10.5	5.0	722 5	722.4	723 4	74	49	70	SE 1	NE 0	S 1	3	2	0	.	
25	4 0	18.1	10.0	10.7	5 1	724.9	723.9	725.2	95	48	71	S 0	N 1	NE 0	1	1	0	.	
26	4.4	18.2	9.7	10.8	5.0	**725.7**	724.7	724.5	95	50	77	NE 0	SW 1	S 0	0≡	1	0	.	≡ n-9
27	4.6	**18.3**	9.6	10.8	4 9	725.0	724 0	723.8	84	51	70	E 1	NW 1	S 0	0	3	0	.	
28	5 4	17.2	9.6	10.7	4.7	724.8	723 6	725.4	80	**43**	87	E 0	NW 1	W 1	1	3	10	0.7	p ☄
29	7.9	11.4	9 0	9 4	3.2	725.4	725.1	725.6	96	70	85	NW 0	N 1	E 0	10	10●	10	0.1	●° $2^{1}/_{2}$, $7^{3}/_{4}$-9, ≡
30	7 6	11.4	7.4	8.8	2.5	724.9	725.0	724.3	87	66	85	NE 1	NW 1	SW 1	4	8	4	.	
31	4.0	13.6	7.5	8.4	2.0	722.5	720.4	718.1	97	51	78	SW 0	SW 1	NE 0	8	10	3	.	a ≡°, ⊕ ≡
																		Summe	
Mittel	2.7	8.6	4.8	5 4	—	719.0	718.8	719.3	91	67	82				7.5	7.6	6.1	40.2	

*) 1. $11^{3}/_{4}$-16, ✶ $9^{3}/_{4}$, n ☋ *) 2. $15^{3}/_{4}$-$19^{1}/_{4}$ *) 7. ●° $19^{1}/_{4}$-$19^{1}/_{2}$ *) 8. 10-$10^{1}/_{4}$, ● △ 16-$16^{1}/_{4}$ *) 9. ● $16^{3}/_{4}$-n *) 10. ● $18^{1}/_{2}$-$19^{3}/_{4}$

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

März 1923.
Beobachter: Frau *Küttel-Steffen.*

1	−4.3	−3.6	−5 4	−4.4	−0.8	606.3	608.0	609.2	95	93	92	W 4	W 4	W 3	10≡	10	5	3.8	≡ l, ☄, n ✶ ⊠
2	−2.3	−1.0	−2.4	−1.9	1.7	606.9	606.8	603.5	95	96	96	W 4	W 3	W 1	10*≡	10*≡	10	10.5	✶ ≡ ☄ n-p ⊠
3	−2.1	−1.8	−5.0	−3.0	0.5	**596.6**	597.7	598.8	36	57	96	SE 0	W 4	W 4	10	10	10*≡	**16.3**	p n ✶ ≡ ☄ ⊠
4	−6.3	−4.1	−6.0	−5.5	−2.0	599.8	603.5	606.0	87	90	90	W 3	W 2	E 0	10*≡	10≡	10*≡	10.9	✶ ☄ l, ≡, ✶ III-n ⊠
5	−5.4	−3.7	−5.3	−4.8	−1.4	609.2	611.0	613.3	90	92	90	E 2	E 1	E 0	10≡	10≡	10≡	.	≡ ⊠
6	−5.4	−4.4	−5.1	−5.0	−1.6	614.2	614.9	613.6	90	91	91	E 0	W 2	W 1	7	5	10	.	⊠
7	−6.1	−2.6	−4.3	−4.3	−1.0	609.6	608.5	608.2	90	93	91	W 3	W 4	W 3	10	10*≡	10≡	11.9	☄, ☄ II, p ✶ ≡ ⊠
8	−5.4	−2.7	−4.3	−4.1	−0.9	605.8	605.7	606.2	90	90	94	W 3	W 1	W 0	10	10	7	2.7	☄ l, a ✶ ⊠
9	−5.3	−3.1	−5.4	−4.6	−1.4	606.1	606.4	607.2	92	92	93	W 0	W 0	W 1	10	10≡	10*≡	12.7	≡, K△ 17, ✶ III-n ⊠
10	−6.3	−4.8	−6.4	−5.8	−2.7	606.4	606.0	606.1	91	90	92	W 0	W 1	W 0	10≡	10*	5	3.6	a ✶ ≡, ≡° II ⊠
11	−7.2	−1.6	−7.2	−5.3	−2.3	605.4	607.4	609.3	92	92	92	NW 0	W 0	E 0	10≡	10≡	10≡	0.6	a ✶°, ≡ ⊠
12	−8.0	−5.2	−7.2	−6.8	−3.8	611.2	612.9	614.4	91	91	91	E 1	E 0	E 0	10≡	10≡	10≡	.	≡ ⊠
13	**−9.1**	−4.9	−6.1	−6.7	−3.8	613.3	612.9	612.3	91	91	91	E 2	SE 0	E 0	0	10	10	.	p ≡° ⊠
14	−7.3	−5.3	−6.3	−6.3	−3.5	609.8	609.0	608 8	91	91	91	E 2	E 1	E 0	10≡	10≡	10≡	.	≡ ⊠
15	−6 3	−3.1	−4.3	−4.6	−1.8	608.1	609.5	611.3	91	93	90	SE 0	SE 3	SE 3	5	3	0	.	p ☄ ⊠
16	−5.3	−2.4	−3.1	−3.6	−0.9	612.8	613.6	614.3	76	54	42	SE 0	SE 2	SE 3	0	0	0	.	☄ III-n ⊠
17	−3.2	1.4	−3.1	−1.6	1.0	613.9	613.8	614.3	25	27	52	SE 3	SE 0	E 0	0	0	0	.	☄ I ⊠
18	−3.4	−0.8	−3.2	−2.5	0.1	613.6	614.2	615.1	40	40	40	W 1	W 0	E 0	0	0	0	.	⊠
19	−3.2	−1.1	−2.4	−2.2	0.3	613.9	614.1	615.0	25	27	**23**	SE 3	SW 2	SW 0	0	0	0	.	☄ I ⊠
20	−1.2	−0.2	−0.3	−0.6	1.8	614.1	613.8	613.6	25	25	40	SE 2	S 3	SE 0	3	5	0	.	☄ II ⊠
21	−2.2	−1.1	−0.2	−1.2	1.1	613.4	613.7	614 5	60	73	95	SW 0	W 0	SW 0	7	10*	10	.	✶° ≡° II ⊠
22	−0.2	0.8	1.0	0.5	2.8	615.0	615.6	615.3	86	88	35	E 0	SE 1	SE 3	10	0	0	.	☄ III ⊠
23	0.1	3.8	1.4	1.8	4.0	614.6	615 1	615.9	32	24	29	SW 2	S 1	W 2	5	0	0	.	⊠
24	0.2	4.1	2.0	2.1	4.2	616.6	617.5	618.6	55	38	50	NW 2	NW 0	NW 0	0	0	3	.	⊠
25	2.0	3.8	2.2	2.7	4.7	618.7	620.0	620.0	63	58	52	E 1	E 0	E 0	0	0	0	.	⊠
26	1.4	3.6	1.4	2.1	4.0	619.7	619.8	**620.1**	50	52	51	SE 1	SE 1	SE 0	0	0	0	.	⊠
27	1.2	**4.8**	2.4	2.8	4.6	619.5	619.4	619.4	62	35	42	SW 0	SW 0	SW 0	0	3	0	.	⊠
28	1.1	4.1	0.2	1.8	3.6	619.1	619.0	619.0	50	50	95	W 0	W 0	W 0	0	5	10	13 8	K△ ✶ $15^{3}/_{4}$, ≡° III-n ⊠
29	0.0	3.4	0.3	1.2	2.9	618.9	618.6	619 0	98	68	96	NW 0	E 0	E 2	10≡	10	10≡	.	≡, ≡° II ⊠
30	−1.0	0.8	−0.4	−0.2	1.4	618.2	618.1	618.5	95	95	97	SE 0	S 1	W 0	5	10	10≡	.	p ≡°, ≡ III-n ⊠
31	−0.2	1.4	1.0	0.7	2.2	616.0	615.2	613.6	70	74	52	W 0	W 2	W 1	10	10	5	.	≡° II ⊠
																		Summe	
Mittel	−3.3	−0.8	−2.6	−2.2	—	611.8	612.3	612.7	72	70	73				5.9	6.2	4.6	86.8	

März 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1707.6^m$, $G = -0.12\ ^m/_m$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	-11.2	1.5	-3.9	-4.5	1.2	613.7	614.2	616.6	79	44	54	W 0	SW 1	N 0	10	8	4	1.0	△ 7¾-10, △° ⸝ 14
2	-11.0	1.6	-2.9	-4.1	1.5	616.3	614.7	612.5	72	54	68	SW 0	SW 1	NW 0	10	10	10	1.7	✳ 9¾-p
3	-5.0	-0.3	-4.5	-3.3	2.2	604.9	**603.6**	605.2	94	80	86	NW 0	NE 0	S 0	10*	10*	10*	**4.3**	✳
4	-6.6	0.4	-3.8	-3.3	2.1	606.5	607.9	610.5	91	49	63	NE 0	N 1	N 0	10	9	10*	.	✳° 17¾-n
5	-5.2	-0.2	-2.6	-2.7	2.5	614.7	615.8	618.6	83	57	66	N 0	W 2	N 1	9	5	10	.	✳° 9, ⸝ II, n △°
6	-4.6	-0.8	-7.8	-4.4	0.7	619.0	618.9	619.2	76	54	63	N 1	N 2	SE 0	9*	9	1	.	✳° ⸝
7	-14.2	1.2	-2.8	-5.3	-0.3	616.9	614.4	613.9	77	43	72	W 0	NE 0	NE 0	6	9	10*	1.0	✳ III-n
8	-12.6	0.0	-8.2	-6.9	-2.0	613.0	611.9	612.4	88	53	64	NW 0	NE 1	W 0	8	5	1	.	
9	-12.7	0.8	-13.4	-8.4	-3.6	612.5	611.7	612.7	83	48	74	W 0	NW 1	SW 0	10	9	2	.	✳° ⸝ 16¼
10	-10.0	-1.1	-10.1	-7.1	-2.5	613.7	611.8	612.8	83	47	65	NW 0	W 0	N 0	9	9	0	.	
11	-16.4	-2.1	-5.4	-8.0	-3.5	612.4	612.2	614.8	80	56	69	W 0	NE 1	N 0	5	1	10	.	✳° ⸝ 17-III, n △°
12	-7.2	-2.0	-7.9	-5.7	-1.3	617.2	618.0	620.7	85	53	66	N 0	NW 1	N 1	5	9	0	.	✳° 10-p
13	**-16.8**	-2.5	-6.2	-8.5	-4.3	620.2	618.6	618.1	83	60	73	N 0	N 0	NE 1	0	0	0	.	
14	-10.7	-0.6	-4.4	-5.2	-1.1	616.5	614.8	614.3	84	66	97	E 0	E 0	NE 1	9	8	10△	1.6	△ 20-n
15	-6.0	1.0	-8.0	-4.3	-0.3	616.1	616.9	619.6	97	56	84	N 0	W 0	SE 0	9	8	0	.	△° 14¼-15
16	-15.4	1.3	-7.0	-7.0	-3.2	620.8	620.8	621.9	83	48	68	NW 0	SW 0	SW 0	1	1	1	.	
17	-12.9	3.4	-7.4	-5.6	-1.9	621.7	620.3	620.8	85	51	70	W 0	SW 0	SW 0	1	0	0	.	
18	-11.2	1.5	-7.9	-5.5	-1.9	621.0	621.0	622.4	80	54	85	S 0	SW 0	W 0	5	1	0	.	
19	-14.0	1.2	-2.8	-5.2	-1.8	622.7	622.0	622.9	87	54	76	SW 0	SW 1	E 0	0	0	1	.	
20	-11.8	2.2	-1.2	-3.6	-0.3	622.3	621.3	621.6	90	65	89	SW 0	SW 1	NW 1	1	4	10△	.	p ⸝, △° 18-n
21	-4.2	1.6	-1.7	-1.4	1.7	621.1	620.8	622.0	92	64	92	SW 0	SW 1	SW 0	3	6	1△	.	△° 18-n
22	-1.2	2.8	0.2	0.6	3.6	622.6	622.6	623.8	82	65	88	S 1	SW 0	SW 1	10	1	9	.	
23	-2.4	3.7	-1.0	0.1	2.9	623.4	623.0	624.2	91	60	86	W 0	SW 1	W 0	3	4	3	.	
24	-5.9	4.2	-2.7	-1.5	1.2	624.3	624.0	625.6	86	60	80	W 0	W 0	W 0	1	1	0	.	
25	-8.0	6.6	-2.3	-1.2	1.4	626.1	625.5	627.0	87	49	74	E 0	SW 0	N 0	1	1	0	.	
26	-8.5	6.4	-3.7	-1.9	0.5	**627.3**	626.3	627.1	82	**40**	66	SW 0	SW 0	N 0	0	0	0	.	
27	-9.4	6.1	-3.0	-2.1	0.2	626.9	626.0	626.6	77	**40**	68	E 0	SW 0	SW 0	0	1	1	.	
28	-8.5	6.0	-2.7	-1.7	0.4	626.2	624.4	625.1	80	43	74	SW 0	E 0	W 0	1	1	0	.	
29	-7.7	5.8	-2.4	-1.4	0.6	625.3	624.0	625.2	86	51	80	SW 0	N 0	S 0	2	2	1	.	
30	-7.0	**6.7**	-1.8	-0.7	1.1	625.9	624.8	624.6	88	52	79	W 0	S 0	SW 0	1	2	0	.	
31	-5.2	4.9	-1.2	-0.5	1.2	622.9	620.6	619.7	85	53	86	E 0	SW 2	SE 0	7	9	8	.	⸝ II, ⸸ 16¼-16½, ✳°-17
																		Summe	
Mittel	-9.1	2.0	-4.5	-3.9	—	619.1	618.4	619.4	84	54	75				5.0	4.6	3.7	9.6	

März 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$.
$H_b = 541.8^m$, $G = 0.00\ ^m/_m$.

1	4.0	6.0	4.0	4.7	1.2	710.2	711.5	713.1	87	69	86	NE 0	SW 0-1	NE 0	10●	10	9	2.5	● I, III
2	0.8	3.8	3.4	2.7	-1.0	711.6	709.3	705.4	100	86	100	NE 0	E 0	NE 0	10*	10●	9	**7.4**	n a ✳, p ●
3	3.5	7.8	3.4	4.9	1.1	**698.3**	699.6	700.6	90	50	82	NE 0	SW 0-1	W 0-1	10●	10	6	2.2	a ●
4	1.8	8.4	3.2	4.5	0.5	701.9	702.4	706.9	100	37	75	SW 0	SW 1-2	SW 0	10	7	5	.	
5	2.0	8.0	2.5	4.2	0.1	711.1	712.3	715.7	73	45	78	NE 0	SW 1-2	W 0-1	8	7	0	.	
6	0.6	9.0	4.0	4.5	0.3	717.3	715.8	714.7	83	41	60	NE 0	SW 1-2	W 0	1	0	0	.	
7	1.2	7.4	4.4	4.3	-0.1	713.5	711.2	710.7	87	45	70	NE 0	N 0	N 0	9	10	0	.	
8	3.0	10.2	3.8	5.7	1.2	708.6	706.6	707.3	100	41	87	NE 0	S 0-1	W 0	10	9	10	1.4	p ●
9	1.6	7.8	4.0	4.5	-0.2	708.2	707.5	708.7	82	50	80	NE 0	W 0-1	W 0	8	7	6	.	
10	2.8	7.8	2.9	4.5	-0.3	708.7	706.9	707.8	93	46	84	NW 0	SW 1-2	SW 0	10	8	8	.	
11	1.2	7.8	2.0	3.7	-1.2	707.5	707.3	710.8	100	40	85	N 0	S 3	W 0	4	3	2	.	⸝ II
12	1.4	6.8	1.7	3.3	-1.8	714.2	715.1	717.6	77	41	60	NE 0	W 1	NE 0	9	9	0	.	
13	-1.2	7.0	1.4	2.4	-2.8	717.6	715.4	714.6	60	32	72	NE 0-1	W 0-1	W 0	0	0	0	.	
14	**-2.0**	7.0	3.0	2.7	-2.7	712.5	709.7	710.1	90	41	75	NE 0	SW 0-1	W 0	0	0	4	.	⌊ I
15	1.0	10.8	3.1	5.0	-0.5	710.9	710.2	714.4	100	34	81	NE 0	SW 0-1	W 0	3	1	1	.	⌊ ≡° I
16	-0.8	11.0	3.4	4.5	-1.2	716.4	715.0	716.8	100	28	75	NE 0	SW 1	NE 0	0	0	0	.	⌊ I
17	-0.8	11.4	6.0	5.5	-0.3	716.8	714.9	715.8	90	31	66	NE 0	SW 1-2	NE 0	0	0	0	.	⌊ I
18	0.6	12.0	5.0	5.9	-0.1	716.9	715.0	716.7	86	26	76	NE 0	SW 0	W 0	0	1	0	.	⌊ I
19	0.1	13.8	4.8	6.2	0.1	717.1	714.5	716.9	95	**22**	82	NE 0-1	SE 0	NE 0-1	0	1	2	.	⌊ I
20	3.4	14.6	7.8	8.6	2.3	716.5	713.5	715.0	65	29	65	NE 0-1	S 0-1	SW 0	4	8	10	.	
21	7.2	13.8	3.8	8.3	1.9	715.9	714.5	715.9	61	38	68	NE 0-1	SW 0-1	NW 0	9	9	10	.	
22	6.4	16.2	11.2	11.3	4.7	716.5	714.8	716.3	84	29	36	N 0	SW 0	NW 0-1	9	2	2	.	
23	6.0	15.2	10.4	10.5	3.8	717.4	715.2	717.0	55	27	35	NE 0-1	NE 0-1	NE 0-1	2	3	3	.	p ⸝
24	4.4	**17.4**	11.2	11.0	4.1	718.9	717.2	719.0	63	27	45	NE 0-1	SE 0	NE 0-1	2	4	7	.	
25	5.0	16.8	9.8	10.5	3.5	720.5	718.7	720.5	76	31	50	NE 0	S 1	NE 1	2	2	1	.	
26	4.1	17.2	10.4	10.6	3.4	**721.9**	719.7	720.4	68	25	36	NE 0	S 1	NE 2	0	0	0	.	
27	3.8	16.4	10.1	10.1	2.8	721.8	719.2	719.8	63	24	37	NE 0	S 0-1	NE 1-2	0	0	0	.	
28	4.6	16.5	11.2	10.8	3.3	721.4	718.4	719.5	66	28	58	NE 0	NW 0-1	W 0-1	2	1	8	.	
29	8.7	9.4	9.5	9.2	1.6	720.3	718.9	719.6	87	51	78	W 0-1	SW 0-1	W 0-1	10	10	10	.	
30	6.9	15.8	9.8	10.8	3.0	720.2	718.5	719.4	92	43	53	NE 0	SW 2	NE 0-1	5	4	3	.	
31	5.5	15.7	10.4	10.5	2.6	718.2	715.1	713.4	80	34	38	NE 0	SE 1	NE 0	4	6	10	5.4	n (31/1) ●
																		Summe	
Mittel	2.8	11.2	5.9	6.6	—	714.5	713.0	714.2	82	38	67				4.9	4.6	4.1	18.9	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$,
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

März 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	2.2	13.0	5.6	6.9	1.9	732.1	731.9	734.6	66	40	41	N	o	S	o	N	o	7	4	o	.	
2	2.8	12.0	7.4	7.4	2.3	734.9	733.7	730.8	56	36	55	N	o	SSE	o	N	o	10	10	10	12.0	n (2/3) ●
3	1.8	9.6	4.8	5.4	0.2	722.8	**719.8**	720.0	86	53	83	N	o	ESE	o	N	o	10	9	10	2.1	a ●
4	2.4	13.0	10.4	8.6	3.2	721.2	722.0	724.7	74	25	26	S	o	N	2	N	4	9	3	3	.	p ⸙, ⸙ III–n
5	11.4	16.4	11.6	13.1	7.6	728.1	730.4	734.3	27	25	29	N	4	N	3	N	4	9	4	1	.	⸙
6	11.0	15.0	8.8	11.6	6.0	735.4	735.4	735.8	27	25	28	N	4	N	2	N	o	7	1	o	.	⸙ n–l, ⸙–p
7	1.6	14.6	7.6	7.9	2.1	735.0	732.8	731.8	51	34	56	N	o	ESE	o	N	o	9	7	10	.	
8	2.8	11.2	6.0	6.7	0.8	731.2	730.1	730.7	78	52	80	N	o	S	1	S	1	10	4	10	.	
9	3.0	9.8	4.2	5.7	−0.3	730.4	729.9	731.2	85	53	76	N	o	S	1	S	o	10	10	6	.	
10	4.6	10.7	3.0	6.1	0.0	731.7	730.3	731.0	74	45	66	N	o	SE	o	SE	o	9	4	o	1.1	
11	3.2	9.2	4.8	5.7	−0.6	731.4	730.6	732.3	83	55	65	N	o	SSE	o	N	o	10	3	o	.	● 5 1/2–l
12	2.2	12.8	6.9	7.3	0.9	735.8	735.8	738.2	66	**24**	30	N	o	NE	2	N	o	6	o	o	.	⌙° l, ⸙ II
13	**1.0**	13.2	4.6	6.3	−0.3	738.3	736.1	734.0	53	35	52	N	o	S	o	N	o	o	o	o	.	
14	**1.0**	13.6	7.8	7.5	0.8	733.1	731.6	732.8	63	43	76	NNW	o	SSE	o	S	o	o	4	10●	**12.2**	⌙° l, p ●°, ● III–n
15	4.0	8.0	4.4	5.5	−1.3	736.8	737.5	739.6	82	61	85	NNE	o	E	o	N	o	10	9	2	0.9	●° n–11
16	1.6	12.6	5.6	6.6	−0.4	739.6	739.8	740.3	72	47	66	N	o	SE	o	N	o	o	o	o	.	
17	2.2	14.0	8.0	8.1	1.0	740.3	738.6	739.5	66	46	79	NNW	o	SSE	o	N	1	o	o	10	.	⌙ l
18	5.2	5.9	3.0	4.7	−2.5	742.4	743.2	743.2	70	65	76	SW	1	NE	o	N	o	10	10	o	.	
19	**1.0**	12.5	7.0	6.8	−0.6	743.3	742.3	742.7	70	44	65	N	o	SE	1	N	o	o	o	10	.	⌙ l
20	3.8	9.8	7.2	6.9	−0.6	742.9	742.3	742.3	80	53	70	N	o	SE	o	N	o	7	9	10	.	
21	5.6	10.4	8.2	8.1	0.5	741.9	741.3	742.2	81	57	73	N	o	SE	o	N	o	10	9	10	.	
22	6.6	10.6	8.0	8.4	0.6	742.7	742.9	743.8	84	57	79	NNW	o	SE	o	N	o	10	10	10	.	
23	6.0	13.8	9.2	9.7	1.8	743.8	742.8	743.5	81	46	71	W	o	SE	o	N	o	10	9	10	.	
24	5.4	14.6	8.8	9.6	1.5	743.9	743.1	744.1	82	48	71	N	o	SSE	o	N	o	7	5	3	.	
25	5.2	17.6	9.8	10.9	2.7	744.5	743.7	745.0	74	38	62	N	o	SE	o	N	o	o	o	2	.	
26	6.0	18.6	10.4	11.7	3.4	**745.5**	743.9	744.3	75	37	53	NW	o	SE	o	N	o	o	o	o	.	
27	5.6	**19.2**	10.2	11.7	3.2	744.9	743.7	744.4	70	36	50	N	o	SE	o	N	o	o	o	o	.	
28	5.4	19.0	10.4	11.6	3.0	743.9	741.9	742.2	66	32	56	N	o	SE	o	N	o	o	o	o	.	
29	6.4	18.8	9.2	11.5	2.8	742.5	741.1	742.0	67	34	61	N	o	SE	o	N	o	o	3	5	.	
30	8.6	**19.2**	11.0	12.9	4.0	743.2	742.3	741.8	64	34	53	SW	o	SE	o	N	o	8	3	o	.	
31	6.4	15.6	10.2	10.7	1.7	740.9	738.5	736.5	74	50	59	N	o	SE	o	N	o	o	6	1	.	
Mittel	4.4	13.4	7.5	8.4	—	737.6	736.7	737.4	69	43	61							5.7	4.4	4.3	Summe 28.3	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

März 1923.
Bernoullianum.

1	6.7	9.4	4.4	6.8	3.3	732.1	732.8	734.9	71	48	78	SW	3	W	3	SE	1	9	10	o	3.4	● 1⁸/₄–5, 10, 15¹/₂–16¹/₂, *)
2	5.0	10.6	6.8	7.5	3.9	730.3	729.6	725.3	91	73	94	SE	1	W	1	SE	1	10●	10	10●	**13.1**	● 4⁸/₄–7⁸/₄, 10¹/₂–10³/₄, *)
3	8.3	5.6	3.6	5.8	2.1	**717.6**	721.3	723.1	63	79	90	SW	2	SW	2	S	1	9●	10●	10●	7.2	⸙ n–ll, ● 9¹/₂–15¹/₂, *)
4	3.6	4.8	4.0	4.1	0.2	724.9	727.4	732.5	87	84	87	SW	1	W	1	N	1	10●	10	10	1.1	● o¹/₄–o³/₄, 3¹/₂–13
5	3.0	4.2	3.8	3.7	−0.3	736.9	739.0	741.6	86	80	87	N	1	N	1	NW	1	10	10	10	0.1	
6	3.2	6.4	4.8	4.8	0.7	742.3	741.6	739.5	83	62	75	W	1	W	1	S	1	10	8	10	0.1	
7	2.6	6.2	5.4	4.7	0.5	734.9	733.6	732.8	89	88	85	S	1	W	2	SW	1	10●	10	10	5.1	● 7¹/₄–13, 16¹/₄–18, *)
8	3.4	6.6	4.6	4.9	0.5	730.8	730.0	730.9	90	88	93	SE	1	SW	1	E	1	10●	10●	10	4.0	● 3⁸/₄–4⁸/₄, 7¹/₄–8, *)
9	4.0	6.2	4.4	4.9	0.4	732.4	732.8	733.9	93	82	84	W	1	N	1	SE	1	10	10	10	1.1	●° 11, 15
10	2.4	4.0	3.2	3.2	−1.4	733.2	732.6	732.1	93	87	97	E	1	N	1	NW	1	10●	10●	10●	1.1	● 4¹/₂–11, ll, 20³/₄–22
11	1.7	4.8	3.2	3.2	−1.5	732.9	733.8	737.3	84	72	87	E	1	N	1	W	1	10	8	10	.	●° o¹/₄–o³/₄
12	1.0	5.0	2.8	2.9	−2.0	739.5	741.5	743.3	89	66	89	W	1	N	1	W	1	10	8	10	.	✳° 8⁸/₄–9
13	2.0	5.6	4.8	4.1	−0.9	742.3	740.9	739.6	91	62	75	SE	1	N	1	N	1	10	8	10	.	≡° l
14	3.6	4.2	2.4	3.4	−1.7	737.7	736.7	736.1	77	74	86	E	1	N	1	N	1	10	10	10	2.0	✳° 22¹/₂, ● 22⁸/₄–3¹/₂
15	1.8	6.0	4.4	4.1	−1.2	735.3	736.1	739.0	96	70	74	N	1	N	1	S	1	8	10	10	.	
16	3.8	7.0	4.4	5.1	−0.3	740.6	740.8	741.1	77	61	90	E	1	SE	1	E	1	10	10	2	.	≡° l
17	0.9	6.2	3.4	3.5	−2.0	741.0	741.2	741.2	89	67	80	E	1	E	1	SE	1	9	7	o	.	≡° l
18	2.2	5.0	2.6	3.3	−2.4	741.7	741.7	741.8	75	60	76	SE	1	E	2	E	1	10	10	o	.	
19	**−0.6**	5.2	3.8	2.8	−3.0	741.3	740.5	740.6	96	67	77	S	1	E	2	SE	1	2	2	10	.	⌙ l
20	2.6	10.8	5.4	6.3	0.4	740.0	738.1	738.1	83	57	80	E	1	N	1	W	1	9	7	o	.	
21	2.0	11.4	8.0	7.1	1.0	739.0	737.9	738.8	89	57	94	SE	1	E	o	SE	1	7	10	10●	2.5	●° 15⁸/₄–20⁸/₄
22	6.8	13.0	9.0	9.6	3.4	739.4	739.4	738.6	97	69	89	S	1	S	1	SE	1	10●	10	o	0.2	● 4–6¹/₂, ●° 7¹/₄–8⁸/₄
23	5.2	15.6	10.6	10.5	4.2	739.0	737.9	738.1	88	54	75	SE	1	E	1	S	1	4	2	o	.	
24	7.2	16.6	10.2	11.3	4.8	741.0	740.8	741.9	77	48	78	SE	1	W	1	S	o	9	5	o	.	
25	5.8	**17.2**	11.0	11.3	4.7	743.6	742.6	743.3	85	**47**	75	SE	1	W	1	N	o	2	4	2	.	
26	6.4	16.6	11.6	11.5	4.8	744.5	743.3	742.9	88	53	74	SE	1	N	1	SE	o	6	3	1	.	
27	7.2	**17.2**	12.4	12.3	5.5	743.6	742.4	742.3	83	53	72	SE	1	NW	1	SW	1	6	4	7	0.2	●° 20
28	7.0	15.0	10.4	10.8	3.8	743.3	742.9	744.3	77	58	84	SE	1	W	2	SW	1	8	6	10	4.0	●° 21, ● 23¹/₄–n
29	9.0	10.8	9.0	9.6	2.5	**744.9**	744.8	**744.9**	84	77	95	W	1	W	1	W	1	10●	10	10	3.2	● n–5, l–11¹/₂, 17⁸/₄–19
30	6.6	11.4	10.3	9.4	2.2	744.6	744.4	743.1	94	71	78	W	1	W	o	S	o	10	8	8	.	
31	4.8	13.9	9.7	9.5	2.2	741.4	738.9	736.0	93	59	79	S	o	NE	1	N	o	o	8	3	0.9	⊕ 17¹/₂, ● 24¹/₂–24⁸/₄
Mittel	4.2	9.1	6.3	6.5	—	737.8	737.7	738.0	86	67	83							8.3	8.0	6.5	Summe 49.3	

*) 1. ⸙ n–p, ⸙ 10¹/₂–11¹/₂ *) 2. 15–2¹/₂ *) 3. 19⁸/₄–20¹/₄, 22–23⁸/₄ *) 7. 22–23¹/₄ *) 8. 11⁸/₄–21¹/₄, △ 18¹/₄–18¹/₂

März 1923.
Beobachter: *Observatorium*.

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$,
$Hb = 2500.1^{m}$, $G = -0.16\,‰$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	-9.1	-9.2	-10.5	-9.6	-1.1	551.8	553.5	556.0	100	100	100	SW 4	SW 4	WSW 1	10≡*	10≡*	10≡*	10.2	☄ n-p, ≡ ✶ ◁
2	-6.5	-4.2	-5.4	-5.4	3.1	553.7	553.9	551.2	100	100	90	SSW 3	SW 3	S 0	10≡*	10≡*	10	20.0	≡ ✶ ☩ n-20, ≡° Ψ III
3	-7.4	-8.8	-10.5	-8.7	-0.3	545.1	544.4	545.6	92	92	93	S 1	S 2	SSW 2	10	10≡*	10≡*	25.3	≡ ✶² ☩ 10½-n, p n ☄
4	-11.5	-9.4	-11.2	-10.7	-2.3	546.9	549.2	552.5	100	100	100	SW 1	SW 0	NE 2	10≡*	10≡*	10≡*	29.2	≡ ✶², △² 14-18
5	-10.8	-7.6	-9.8	-9.4	-1.1	555.9	557.5	559.6	100	100	96	WNW 0	S 0	NW 2	10≡*	10≡	10≡*	2.9	≡, ✶ n-9½, 15½-n
6	-10.6	-9.8	-10.6	-10.3	-2.0	559.9	559.9	559.0	96	86	89	NW 1	WNW 1	WNW 1	10≡	8	0	.	≡ a, 18¾, p ≡°
7	-10.9	-6.8	-9.4	-9.0	-0.8	555.9	554.8	554.0	85	90	100	W 4	W 4	NW 2	8	10≡*	10≡*	29.8	☄, ✶² ≡ ☩ 10-n
8	-10.5	-7.8	-9.8	-9.4	-1.2	552.4	552.8	552.9	90	80	90	WSW 2	SW 1	S 0	10≡	8	10≡	1.0	✶ ☩ n-9½, a ≡, ✶°
9	-10.2	-10.4	-11.4	-10.7	-2.6	552.9	553.2	553.5	100	90	90	NE 0	NNW 1	NW 0	10≡	10≡*	10≡	7.2	✶ △ ≡]≡² 18-n
10	-11.6	-7.5	-11.4	-10.2	-2.1	552.7	552.5	552.1	90	85	100	NW 0	SW 0	SSW 0	10≡	10≡	10≡	2.7	≡, ✶ 14-18
11	-11.8	-11.2	-12.5	-11.8	-3.8	551.9	552.9	554.8	99	56	100	SSW 0	NE 0	NE 0	5	0	10≡*	6.1	✶ ≡ 17½-n
12	-13.5	-10.6	-13.4	-12.5	-4.6	557.1	558.6	560.2	100	100	100	NNW 0	NNW 0	NW 0	10≡	10	5	1.3	≡ n-20, ✶ △ 15½-18
13	-7.6	-8.2	-7.8	-7.9	0.0	559.3	559.1	558.4	60	81	90	E 3	ENE 3	E 2	0	0	0	.	
14	-9.2	-7.8	-9.2	-8.7	-0.9	556.1	555.3	554.7	100	99	100	NE 3	NE 3	SSE 0	6	10	10	0.7	⊕ 11, p ≡, n ✶°
15	-8.2	-6.2	-8.5	-7.6	0.2	555.6	557.0	559.3	100	76	99	S 2	SE 2	SE 2	8	7	0	.	
16	-6.6	-3.4	-5.0	-5.0	2.7	560.1	561.3	562.3	63	35	55	E 2	S 2	ENE 2	3	3	4	.	
17	-4.0	-3.2	-5.7	-4.3	3.3	561.6	561.9	561.3	50	23	36	ENE 1	E 2	ENE 3	1	1	0	.	
18	-5.4	-4.6	-6.6	-5.5	2.0	560.4	561.3	562.1	29	75	51	S 0	SSW 1	SW 1	0	0	0	.	
19	-5.0	-3.2	-6.4	-4.9	2.6	561.4	561.5	562.0	36	40	61	SE 2	S 2	S 0	1	1	2	.	
20	-4.4	-2.0	-5.0	-3.8	3.6	561.7	561.6	560.8	32	56	99	NNE 0	NE 0	S 2	2	3	7	.	
21	-4.1	-2.2	-4.2	-3.5	3.8	561.6	561.1	561.8	82	84	100	SE 1	SW 2	WSW 2	3	8	10*	1.4	✶ ≡° 15-22
22	-4.2	-2.4	-4.2	-3.6	3.6	562.3	563.2	562.9	100	93	89	WSW 2	SE 1	SE 3	9	5	1	.	≡° n-l
23	-0.4	-0.5	-3.8	-1.6	5.6	562.4	562.9	563.4	29	66	75	SE 0	S 2	SSW 3	6	4	1	.	
24	-1.4	-1.2	-4.3	-2.3	4.7	564.3	565.0	566.3	43	83	100	ENE 0	E 0	E 0	2	3	0	.	
25	-1.6	-0.4	-2.5	-1.5	5.5	566.3	566.9	567.6	75	47	61	E 1	ESE 1	S 1	1	1	0	.	
26	-1.2	-0.6	-3.0	-1.6	5.3	567.3	567.4	567.3	46	92	65	ENE 2	ENE 1	SE 1	1	2	0	.	
27	-1.5	-0.6	-3.4	-1.8	5.0	566.7	566.9	566.7	94	62	65	E 2	SE 0	SSW 1	1	3	1	.	
28	-3.2	-0.2	-4.0	-2.5	4.2	566.2	566.0	566.0	80	76	100	WSW 1	SW 0	SW 1	1	5	10≡*	5.7	✶ ≡ △ 18½-24
29	-3.7	-2.4	-5.0	-3.7	2.9	565.5	565.9	566.1	100	95	100	NW 0	N 0	N 0	10≡	10≡	10≡	.	✶° △° 9½-10, ≡
30	-2.9	0.0	-4.8	-2.6	3.9	565.6	566.0	565.1	56	60	100	S 2	S 0	SSW 1	2	3	5	.	
31	-3.0	-2.6	-5.8	-3.8	2.5	563.2	562.1	560.3	58	93	90	SW 2	W 3	WSW 3	6	9	9	.	≡°-≡, p ☄, Ψ 21
																		Summe	
Mittel	-6.5	-5.0	-7.3	-6.3	—	558.8	559.2	559.5	77	78	86				5.6	5.9	5.6	143.2	

März 1923.
Beobachter: Frl. *F. Lombardi*.

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$Hb = 2102.9^{m}$, $G = -0.14\,‰$.

1	-5.8	-3.2	-7.1	-5.4	1.2	583.4	584.5	586.1	81	60	70	NW 1	NW 0	NW 0	5	10	0	.	
2	-7.2	-3.9	-6.1	-5.7	0.9	585.5	585.5	581.7	81	71	82	S 1	S 2	E 3	10	10≡	10	8.3	✶ ≡, ☄ III
3	-5.6	-3.5	-8.6	-5.9	0.6	574.8	574.0	574.5	90	61	100	SE 1	N 1	N 3	10	5	10≡	13.1	≡ 17-n, ☄ III-n, n ✶
4	-9.8	-7.0	-8.8	-8.5	-2.1	575.4	577.2	580.3	100	91	100	N 3	N 3	N 4	10≡	10≡	10≡	5.5	≡ ✶ ☩² ☄
5	-8.0	-6.5	-8.8	-7.8	-1.4	584.8	586.1	587.8	100	100	95	N 3	N 2	N 2	10≡	10≡	0	.	☄ l, ≡ n-16
6	-9.0	-6.8	-7.7	-7.8	-1.5	588.5	588.7	588.0	88	80	98	N 2	N 3	N 2	0	0	10≡	.	☄ ll, ≡ 20-n
7	-9.8	0.0	-6.8	-5.5	0.7	585.9	585.2	583.9	70	60	98	N 0	N 0	N 0	0	10	10≡	5.5	≡ 20-n, n ✶
8	-4.6	-4.2	-9.8	-6.2	-0.1	582.3	580.9	582.0	80	55	70	N 0	N 0	N 0	5	1	0	.	
9	-9.8	-6.7	-8.8	-8.4	-2.3	581.7	582.0	582.7	80	90	99	N 2	N 2	N 1	8	10≡	10≡	.	≡ 10½-n
10	-8.6	-7.2	-9.9	-8.6	-2.6	582.0	581.8	581.4	95	74	87	N 1	N 1	N 0	10≡	5	0	.	≡ n-11½
11	-10.5	-8.8	-10.0	-9.8	-3.9	581.5	582.0	584.2	80	70	95	N 1	N 1	N 2	3	4	10≡	.	≡ 15¾-n
12	-10.2	-6.8	-11.0	-9.3	-3.4	586.3	587.7	589.0	99	88	70	N 2	N 2	N 2	10≡	10≡	0	.	≡ n-14¼
13	-12.6	-7.4	-10.5	-10.2	-4.4	588.5	588.2	587.4	78	55	60	N 1	N 1	N 1	0	0	0	.	
14	-9.6	-6.9	-8.2	-8.2	-2.5	585.5	584.6	583.8	61	54	98	N 1	N 0	S 1	0	0	10≡	9.8	≡ 20-n, n ✶
15	-6.2	-2.5	-6.2	-5.0	0.6	585.3	586.9	588.4	99	100	100	S 1	SE 0	SE 0	10≡	10≡	10≡	.	≡
16	-6.6	0.0	-6.0	-4.2	1.3	589.3	590.7	591.1	66	55	77	E 0	E 1	SE 0	0	0	0	.	
17	-4.1	0.8	-5.8	-3.0	2.5	591.0	590.8	590.4	70	49	61	SE 0	SE 0	SE 0	0	0	0	.	
18	-5.7	1.2	-7.2	-3.9	1.5	590.3	590.8	591.5	60	81	68	SE 0	SE 1	N 0	2	3≡	0	.	p ≡°-≡
19	-6.8	-0.6	-5.5	-4.3	1.0	591.5	592.0	592.1	59	55	68	N 0	S 1	S 1	0	0	0	.	
20	-5.7	1.4	-5.0	-3.1	2.1	591.2	591.1	591.1	80	65	89	S 1	S 1	SE 1	0	10	10≡	.	≡ 18½-n
21	-5.0	-2.2	-5.1	-4.1	1.0	590.6	590.8	591.6	90	75	99	SE 0	S 1	S 1	10	10	10≡	.	≡ 18-n
22	-2.0	0.0	-3.5	-1.8	3.2	592.2	592.7	593.3	90	75	100	S 0	S 1	SE 2	10	10	10≡	.	≡ 19-n
23	-3.2	0.0	-3.0	-2.1	2.8	593.3	593.2	593.7	85	81	90	SE 0	S 0	S 1	10	10	10	.	
24	-3.2	3.8	-3.2	-0.9	3.9	593.8	594.2	595.6	58	55	60	S 0	S 0	S 0	0	0	0	.	
25	-2.2	5.3	-2.0	0.4	5.1	595.3	596.0	596.8	70	50	68	NW 1	NW 1	NW 0	0	0	0	.	
26	-0.8	5.4	-2.0	0.9	5.5	595.3	596.5	596.6	65	52	64	N 0	S 1	S 0	0	0	0	.	
27	-0.8	5.1	-3.5	0.3	4.8	595.8	596.1	595.8	55	56	68	S 0	S 1	S 0	0	0	0	.	
28	-3.0	2.4	-2.1	-0.9	3.5	595.3	595.2	595.4	69	69	100	N 1	N 1	N 1	0	0	10≡	.	≡ 19½-n
29	-3.2	0.0	-2.5	-1.9	2.4	594.6	594.7	595.0	91	70	100	N 1	N 1	N 1	0	5	10≡	.	≡ 20-n
30	-2.5	5.3	-1.4	0.5	4.7	595.1	595.2	594.4	70	63	79	N 0	N 0	N 0	2	0	5	.	
31	-2.6	6.4	-3.2	0.2	4.3	593.3	591.8	589.9	60	61	62	N 0	S 0	S 0	0	6	0	.	
																		Summe	
Mittel	-6.0	-1.5	-6.1	-4.5	—	588.4	588.6	588.9	78	68	83				4.0	4.8	5.0	42.2	

$\lambda = 7^\circ 26', \beta = 46^\circ 57'$,
$H_b = 572.2^m$, $G = 0.05$ mm.

Bern.

April 1923.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰		
1	5.8	12.7	8.0	8.8	2.6	710.8	710.7	711.1	94	56	70	WSW 0	NE 1	NNE 1	7	3	0	0.1	●° 8–9
2	3.2	9.0	7.8	6.7	0.4	712.2	712.1	713.1	88	76	73	NNE 2	N 1	NE 0	1	0	0	.	⌂ I, a ↙
3	2.5	12.9	8.9	8.1	1.6	714.3	712.7	711.2	91	65	82	N 0	W 1	SE 1	4	2	2	0.3	●° 18¾–19¼
4	3.7	12.3	6.0	7.3	0.7	709.4	708.2	706.9	75	66	90	NE 1	NE 0	E 0	9●	4	0	7.2	●° n–8¼, ● 16¼–17½
5	3.6	11.5	7.6	7.6	0.9	706.6	705.9	705.4	95	63	75	SE 0	W 1	WSW 0	3	7	4	.	
6	5.1	13.4	8.6	9.0	2.1	705.0	703.0	702.5	94	52	62	SW 0	NE 0	SE 1	8	7	1	.	⌂ I
7	4.6	12.3	8.2	8.4	1.4	703.3	702.1	701.6	85	53	70	SE 0	NE 1	SW 1	4	3	7	.	⌂ I
8	3.0	6.0	2.2	3.7	−3.4	700.9	700.4	700.0	79	88	80	N 2	N 3	NE 1	2	4	10	.	↙ n–p
9	0.9	5.9	3.9	3.6	−3.7	699.8	700.7	703.3	89	72	80	N 0	SW 0	NNE 0	10	10	0	.	
10	−0.8	12.0	8.2	6.5	−0.9	707.0	706.8	707.8	100	53	72	N 0	NE 1	W 1	10≡	0	0	.	⊔ ≡ 7–7¾
11	4.1	**17.2**	11.6	11.0	3.4	709.2	707.6	706.3	92	42	71	SSW 0	NNE 0	E 0	0	0	0	.	⌂ I
12	9.7	16.7	11.4	12.6	4.9	706.0	704.0	703.5	89	62	84	SW 0	NE 1	SW 0	10	6	10	1.7	●° 8¼, ● 18½–18¾
13	8.9	14.8	8.9	10.9	3.0	703.2	702.4	702.0	92	61	92	NE 1	W 0	NW 0	5	8	10	6.8	● 3¾–7
14	8.2	7.3	3.7	6.4	−1.6	699.9	699.6	702.7	93	93	92	SE 1	N 0	WSW 0	10●	10●	10	**13.4**	● I–20
15	3.9	7.4	4.5	5.3	−2.8	702.0	702.7	704.0	85	79	89	S 0	SE 0	W 0	10	10	7	4.5	● 8–11¼
16	4.4	9.6	5.4	6.5	−1.8	704.7	704.9	706.4	95	62	97	SE 1	SW 1	SW 0	10	7●	10	8.1	● 5¾–6½, 8–17, 23½–n, *)
17	5.8	9.6	6.9	7.4	−1.0	708.3	709.2	710.6	95	74	80	W 0	SE 2	E 1	10	8	6	1.5	● 7¾–12½, ●°–17, ↙ II
18	4.3	9.7	6.8	6.9	−1.6	709.1	708.0	706.5	91	62	85	NE 1	N 1	N 0	10	7	0	1.8	
19	4.7	9.4	5.8	6.6	−2.1	706.7	705.9	705.1	93	62	83	W 0	W 1	SE 0	10●	8	0	0.3	● 5½–8¼, K° 16½–17,
20	3.2	11.9	9.2	8.1	−0.7	703.1	702.5	699.8	93	57	73	NE 0	NE 1	N 0	10	9	10	.	n (20/21) ●° [⌒ ●° 18¼
21	6.8	12.8	6.4	8.7	−0.3	696.0	**693.4**	697.5	85	61	95	NE 0	NE 1	SE 0	10	10	4	5.2	● 15½–17¾
22	5.8	15.0	11.0	10.6	1.5	699.7	699.2	699.3	87	39	74	SE 0	W 1	N 0	2	2	9	0.2	●° 6¾–7¼
23	8.5	14.4	9.4	10.8	1.6	701.0	702.4	705.3	90	63	83	W 0	SE 1	SE 0	10	8	8	0.1	●° 15¼–15½
24	7.2	9.6	7.4	8.1	−1.3	708.3	709.9	711.2	59	53	78	N 0	NW 1	E 1	10	10	10	.	
25	4.0	12.4	9.6	8.7	−0.8	711.8	711.3	711.2	94	42	49	SW 0	W 2	SW 1	3	4	0	.	≡ 6½–7, p ↙
26	6.1	16.6	13.0	11.9	2.3	710.4	708.1	707.0	79	**31**	47	S 0	W 1	W 0	2	0	10	0.8	⌂ I, ●° 23–n
27	7.5	9.5	6.8	7.9	−1.9	707.9	706.3	705.7	89	80	92	SW 0	NE 1	NNE 0	10	10●	10●	9.3	●° n–II, ●–n
28	6.1	8.8	7.2	7.4	−2.5	708.1	709.2	710.8	97	68	83	NNW 0	SSW 0	SE 0	10●	10	10	0.1	●° I–8¼
29	6.0	11.6	6.9	8.2	−1.8	711.4	711.7	714.0	84	50	78	SSE 0	NW 1	SSW 0	10	10	1	.	●° 11¼–11½
30	6.0	14.8	12.1	11.0	0.8	715.9	716.4	**718.2**	80	60	68	S 0	W 1	SW 0	8	5	8	.	
Mittel	5.1	11.6	7.8	8.2	—	706.4	705.9	706.3	88	62	78				7.4	6.1	5.2	Summe 61.4	*) **16.** ⌒ 17

$\lambda = 6^\circ 57', \beta = 47^\circ 0'$,
$H_b = 487.3^m$, $G = 0.06$ mm.

Neuchâtel.

April 1923.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.3	14.8	10.2	10.1	2.4	718.8	718.7	718.6	92	49	56	E 1	SE 1	E 2	5	3	3	.	
2	6.3	11.4	9.3	9.0	1.2	719.9	720.2	721.3	76	61	61	E 2	E 2	E 2	0	0	3	.	
3	4.4	13.8	8.9	9.0	1.0	722.2	720.5	718.6	86	54	81	NE 1	S 1	N 1	5	6	6	.	
4	5.6	13.4	6.6	8.5	0.4	717.1	715.5	714.3	57	53	83	NE 1	S 1	NE 0	8	4	0	0.2	●° 18¼
5	4.1	13.3	7.5	8.3	0.1	714.3	713.5	712.9	93	56	82	NE 1	S 1	NE 1	4	6	3	2.3	≡ 8½–9¼, n ●
6	6.9	16.2	11.1	11.4	3.0	712.3	710.2	709.8	94	46	54	NE 0	E 1	N 1	8	6	2	.	≡° II
7	5.0	15.2	8.6	9.6	1.1	710.8	709.7	709.0	91	48	68	NW 0	S 1	N 0	4	2	4	.	
8	6.3	9.7	2.7	6.2	−2.5	708.7	707.9	707.7	61	61	72	E 2	E 3	E 3	4	6	9	.	p ↙
9	1.6	8.1	3.7	4.5	−4.4	707.4	708.8	711.5	84	65	81	NE 1	SE 1	NE 1	10	8	3	.	
10	**1.2**	14.1	8.4	7.9	−1.0	715.1	714.8	715.7	100	50	68	NE 1	SW 1	N 1	6	3	3	.	⊔ ≡° I, ≡^{2}–9
11	5.4	18.0	11.9	11.8	2.7	717.1	715.8	714.0	90	49	58	NE 0	SW 1	N 0	3	4	2	.	
12	10.4	**20.2**	11.0	13.9	4.7	713.6	711.3	711.1	75	46	82	W 1	S 1	NW 2	9	7	10	**22.8**	K ● 17½–18, ●^{2} 20¾–n
13	8.9	12.2	9.1	10.1	0.8	710.7	700.1	709.5	96	87	92	NE 0	NW 1	N 0	10	9●	10	9.2	●, n ● [10½–18
14	8.1	7.4	4.9	6.8	−2.7	707.0	706.7	710.9	97	70	84	N 0	N 2	NW 1	10●	10●	10	1.2	≡° I, ●° n–18½, n, ↙
15	4.2	8.6	5.3	6.0	−3.6	709.8	710.7	712.2	91	74	86	NW 1	N 1	N 1	10	9	9	2.5	●° ▲° 11–12, ●° 16, n ●
16	4.8	8.0	6.9	6.6	−3.1	712.7	713.3	714.6	93	91	84	W 1	W 1	N 0	10●	10●	10	2.4	●, n ●°
17	6.4	9.9	8.5	8.3	−1.6	716.1	717.2	718.2	92	70	65	N 1	SW 1	NE 1	9	8	2	0.4	●° 12½–13
18	6.1	12.1	7.3	8.5	−1.5	717.1	715.7	714.3	84	64	82	NE 1	SW 1	NE 0	8	3	2	1.6	n (18/19) ●
19	5.7	11.2	6.8	7.9	−2.2	714.7	713.6	712.6	87	58	75	NW 1	SW 1	NE 2	10●	4	0	0.4	●° n–9, 15
20	5.2	12.3	11.4	9.6	−0.7	710.6	709.7	707.1	88	49	48	NE 1	E 2	E 2	9	9	10	.	
21	8.6	11.8	7.7	9.4	−1.0	703.2	**700.6**	705.6	74	64	89	E 1	SW 1	NW 1	10	10	10	4.5	●° 9, ● 16–18½, n
22	7.4	17.4	12.7	12.5	2.0	707.5	707.0	707.0	94	56	53	NE 0	SW 1	N 2	6	3	8	.	
23	8.9	14.5	10.1	11.2	0.5	708.8	710.6	713.2	85	60	67	NE 0	SW 1	N 2	9	9	4	.	
24	8.0	10.6	7.0	8.8	−2.0	716.2	717.7	719.1	60	66	67	NE 1	SE 1	N 1	10	10	7	.	
25	4.9	13.2	9.9	9.3	−1.7	719.8	719.2	718.9	83	50	57	NE 1	SW 1	N 1	7	7	0	.	
26	6.9	17.4	12.8	12.4	1.3	717.9	715.8	714.7	80	**30**	61	NE 1	SW 3	NE 1	2	1	9	10.5	↙ 11–p, n ●
27	7.4	10.2	7.5	8.4	−2.8	715.5	714.1	713.7	91	87	85	W 1	NE 1	NE 1	10	10	10	2.3	● 10¾–n
28	7.8	9.0	7.3	8.0	−3.3	716.2	717.3	718.5	85	78	74	S 1	W 1	N 0	10	10	10	.	
29	6.7	10.8	8.5	8.7	−2.8	719.5	719.7	721.8	91	59	65	NE 0	NW 1	N 1	9	10	9	.	●° 11, 15
30	8.5	14.8	12.9	12.1	0.5	723.6	724.5	**725.7**	69	67	64	W 1	SW 1	N 1	9	7	3	.	●° 10–12
Mittel	6.2	12.7	8.5	9.1	—	714.1	713.7	714.1	85	61	71				7.5	6.5	5.7	Summe 60.3	

April 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\ ^{m}/_{m}$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	7.7	13.9	6.9	9.5	2.1	721.2	721.1	722.0	60	38	57	NE o	NE o–1	NE o	8	4	o	.	
2	3.5	10.1	6.3	6.6	−0.9	723.0	722.6	724.0	86	60	63	E o	W o	SW o	o	o	o	.	
3	4.1	13.0	7.1	8.1	0.5	725.0	723.6	721.8	95	73	80	W o	W o	NE o	4	9●	o	.	●° II
4	4.6	11.0	6.5	7.4	−0.4	719.9	718.0	717.2	92	54	74	NE o	NW o–1	NE o	1	3	o	.	
5	6.7	14.8	7.0	9.5	1.6	716.5	715.0	715.5	80	42	53	NE o	NW o–1	NE o	7	5	o	.	
6	5.7	15.8	11.3	10.9	2.9	715.0	713.3	713.7	80	**26**	29	W o	SE 3	NE 1–2	o	o	o	.	p ↙
7	7.3	14.3	7.7	9.8	1.6	713.2	711.7	712.4	59	43	63	NW o–1	NW o–1	NE o	3	2	o	.	●° 17
8	5.9	8.9	4.5	6.4	−1.9	716.3	715.8	715.5	78	81	93	E o	NW o–1	NW o	10	10	10●	1.8	● 15–n
9	3.5	6.2	5.9	5.2	−3.2	709.7	711.5	714.5	88	66	80	NW o	NW o	NW o	10	10	o	.	
10	**2.9**	11.8	7.0	7.2	−1.3	717.5	717.0	718.6	98	49	66	SE o–1	NW o	NE o	o	o	o	.	
11	6.6	15.3	13.5	11.8	3.1	719.4	718.1	717.3	81	35	37	W o	W o	SE 1	o	o	o	.	
12	15.2	**21.1**	15.3	17.2	8.4	715.6	713.8	712.8	37	30	33	SE 2–3	S 2–3	S 2	3	2	o	.	↙
13	11.9	18.4	11.3	13.9	4.9	713.9	711.0	711.4	76	32	88	S o	NW o–1	NW o	7	5	10	10.2	n (13/14) ●
14	8.2	9.8	5.2	7.7	−1.4	710.5	708.7	713.2	94	76	93	SW o	NW o	NW o	10●	10●	10●	9.5	●
15	4.9	6.0	4.4	5.1	−4.1	712.6	713.3	715.2	77	80	98	SE o	N o	N o–1	10●	10●	10●	8.0	●
16	4.8	9.0	5.2	6.3	−3.1	715.6	715.8	717.3	98	59	100	NW o	W o	W o	9	10●	10●	**21.4**	p n ●²
17	4.5	6.5	5.6	5.5	−4.0	718.9	720.1	721.5	87	82	100	NW o	NW o	NW o	10●	10●	10●	4 5	●
18	6.3	11.7	5.8	7.9	−1.7	720.0	718.1	717.2	99	59	89	NW o	NW o–1	NE o	10	4	o	.	
19	7.3	15.7	5.3	9.4	−0.3	714.0	714.3	716.3	76	77	87	NW o	W o–1	NE o	8	10	o	4.5	a ●
20	5.0	12.5	13.7	10.4	0.5	713.1	712.8	710.0	79	45	32	SW o	NW o–1	SE 1–2	8	7	3	.	
21	14.3	12.9	8.6	11.9	1.9	705.2	**703.1**	708.5	35	52	95	E 2	SW 1–2	SW o	10	10●	9●	1.3	↙ l, p ●
22	6.1	17.1	9.8	11.0	0.9	711.1	710.3	709.9	99	87	96	E o	NW o–1	NW o	1	2	8	4.4	n (23/24) ●
23	9.3	12.3	9.6	10.4	0.1	711.6	713.1	715.7	76	68	96	S o	W o	W o	10	10	10●	6.7	● III–n
24	7.7	8.8	6.7	7.7	−2.7	718.6	720.5	722.2	85	52	93	NE o–1	NW o	NW o	10●	10	10●	0.3	●° l, III
25	6.7	13.1	8.2	9.3	−1.2	722.2	721.2	721.9	84	35	67	W o	NW o–1	SE o	5	2	o	.	
26	6.5	18.5	15.1	13.4	2.8	720.2	718.7	717.7	81	**26**	29	NE o	S 2–3	E 1	o	1	8	.	↙ II
27	10.2	10.3	8.3	9.6	−1.2	718.1	716.6	715.7	78	73	98	W o	NW o	NW o	10	10	10●	4.2	● III–n
28	7.6	8.8	6.8	7.7	−3.2	718.2	719.6	721.7	85	57	87	E o	N o	NE o	10●	10	10●	7.0	●
29	7.7	12.6	7.4	9.2	−1.8	722.2	721.8	724.7	80	40	84	NE o	NW o–1	NE o	10	7	7	.	
30	8.2	16.2	12.0	12.1	1.0	726.1	726.1	**728.8**	68	36	74	E o	NW o–1	NE o	10	6	7	.	
																		Summe	
Mittel	7.0	12.5	8.3	9.3	—	716.8	716.2	717.1	80	54	74				6.5	6.0	4.7	83.8	

April 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\ ^{m}/_{m}$.

1	6.6	12.6	9.2	9.8	3.0	725.9	725.6	725.2	91	52	73	NE o	NNE 1	NNE 1	3	1	o	.	
2	5.6	11.2	9.5	8.6	1.6	727.0	727.1	728.3	81	65	73	SW o	NNE 1	NNE 1	o	o	o	.	
3	6.0	13.2	10.1	9.2	2.1	729.4	727.4	725.5	83	64	76	NE o	NNE 1	NNE 1	8	1	1	5.7	n (3/4) ●
4	7.4	11.4	9.6	9.4	2.2	724.0	722.2	721.7	91	59	74	NE 1	NNE 1	NE 1	9	6	9	.	☾ 19
5	6.4	10.2	9.4	8.4	1.0	721.4	721.2	720.1	85	72	76	SSW o	SW o	W 1	9	9	9	0.1	●° 20
6	6.2	12.8	9.3	9.9	2.4	719.0	716.8	716.9	97	55	73	SW o	NNE 1	SW 1	10≡	9	o	.	a ≡, ◐ 16
7	8.0	14.0	10.3	10.6	2.9	718.2	716.8	716.7	77	50	70	SW 1	SSW 1	NNE 1	9	2	7	.	
8	7.2	11.0	5.8	8.1	0.3	715.3	713.8	714.3	83	59	73	WSW o	NNE 1	NNE 3	10	o	10	.	↙ III–n
9	4.0	11.0	7.1	6.6	−1.3	714.6	715.1	718.2	77	75	74	NNE 1	SE 1	NNE 1	9	2	o	.	
10	**3.4**	11.4	10.0	7.7	−0.3	722.3	721.9	722.6	83	56	65	SW o	NNE 1	NNE o	o	o	o	.	
11	6.0	14.0	14.3	10.5	2.3	724.2	722.6	721.4	76	48	67	NNE 1	NNE 1	NNE o	o	8	10	0.3	n (11/12) ●°
12	10.8	17.8	11.5	13.2	4.9	720.0	718.1	718.1	82	55	87	NNE 1	NNE 1	SSW 1	9	10	10●	23.5	☾ 15½, ●² 15¾–16¼, *)
13	3.8	11.6	10.5	10.2	1.7	718.0	717.0	716.8	95	88	82	NNE o	NNE 1	SW o	10●	9	10	11.9	● l, 11–13, 16¼–18, ☾ ▲
14	8.8	7.6	4.7	7.4	−1.2	714.1	716.2	718.5	94	76	87	NNE 1	SSE 1	E 1	10	10●	10	8.6	●, n ● [16
15	4.4	9.0	6.2	6.5	−2.3	717.5	718.2	719.9	93	56	85	SW o	SW 1	SE o	10●	9	3	1.2	a ●, ● ▲ 15¼, ◠ 15¾
16	6.0	10.6	7.2	7.7	−1.2	720.3	720.8	722.1	86	60	83	NW 1	SW 1	NNW o	9	9	8	2.1	● a, n
17	6.0	10.2	7.0	8.2	−0.9	723.7	724.9	725.5	94	62	87	NE o	NNE 1	NNE 1	9	9	1	.	
18	4.4	10.4	8.0	7.5	−1.7	724.4	722.9	721.5	90	63	72	W 1	NNE 1	NNE 1	9	o	o	3.0	n (18/19) ●
19	7.0	13.2	8.8	9.8	0.5	722.6	720.9	719.2	85	47	72	SE o	SW 1	NNE 1	9	2	8	.	
20	6.4	12.0	10.7	9.2	−0.3	717.3	715.9	714.3	82	57	68	NNE 1	NNE 1	NE o	10	8	10	0.6	n (20/21) ●°
21	8.0	9.6	9.0	9.1	−0.3	710.0	**709.3**	713.3	92	84	86	W o	SW 1	SW 1	10●	10	10●	4.0	●, n ●
22	8.0	12.4	11.5	10.6	0.8	714.7	713.6	714.1	86	72	67	NW o	NNE 1	NNE 1	o	2	9	0.4	n (22/23) ●°
23	10.8	9.6	11.0	10.9	1.0	716.4	718.2	720.8	90	92	87	NNE o	NNW 1	NE o	9	10●	10	22.9	☾ II, ●² ▲–14³/₄, n ●
24	7.8	9.8	8.2	8.8	−1.3	723.9	725.3	726.4	77	72	76	SW 1	NNE o	NNE o	10	10	3	.	
25	5.8	15.0	9.2	9.7	−0.5	727.3	726.8	726 4	82	40	71	SE o	SSW 1	SW 1	o	1	o	.	
26	8.4	**18.8**	11.2	12.3	2.0	725.3	723.3	722.3	68	**26**	85	SW o	SW 2	SW 1	o	1	10●	**24.0**	↙ II, ● 20½–n
27	8.0	9.4	7.9	8.7	−1.8	722.2	721.1	721.4	89	89	88	NNE 1	NNE o	NNE o	9	10●	10●	5.0	●
28	7.4	10.6	9.0	8.9	−1.7	723.2	724.3	725.8	91	61	77	SW o	NNE 1	NNE o	10	9	9	.	
29	6.6	12.6	8.2	9.5	−1.3	726.9	727.2	729.5	85	55	75	NNE o	NNE 1	SW 1	9	9	o	.	
30	8.3	17.4	12.0	12.3	1.4	731.5	731.7	**733.8**	68	52	76	W o	SSW 1	SW o	1	2	o	.	
																		Summe	
Mittel	7.0	12.0	9.2	9.3	—	721.4	720.9	721.3	85	62	77				7.0	5.6	5.6	113.3	*) **12.** 19½–n, ☾ 21¾

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{h35}, 13^{h35} u. 21^{h35}.

$\lambda = 8^\circ 33'$, $\beta = 47^\circ 23'$.
$Hb = 493.2^m$. $G = 0.08\ ^m/_m$

Zürich.

April 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	4.8	14.0	7.5	8.8	2.2	718.2	718 5	719.2	91	41	75	SE 0	SW 1	NE 1	1	3	0	.	
2	4.5	13.1	7.2	8.3	1.6	720.4	720.2	721.5	87	53	64	NE 1	NW 1	NE 1	10	2	0	.	
3	4.8	15 2	9.2	8.7	1.8	722.0	720.6	718.7	77	50	55	NW 0	NW 0	NE 1	1	2	1	.	
4	1.4	12.6	7.0	7.0	0.0	717.6	715 9	714.3	75	47	52	NE 1	NE 1	NE 1	2	2	0	.	⸗ n–l
5	1.6	14.8	9.1	8.5	1.4	714.0	712.8	712.2	81	48	70	NW 0	SW 1	W 1	1	4	3	1.3	⌙ l, ● 15³/₄–16
6	7.4	15.3	7.8	10.2	2.9	712.3	710.3	710.0	95	39	50	S 0	E 1	E 0	9●	6	0	0.2	● 7–7³/₄, ●° 15¹/₂–15³/₄
7	3.0	16.7	8 6	9.4	2.0	710.5	709.5	708.7	86	36	56	E 0	E 1	NE 0	1	1	0	.	
8	4.0	4.4	1.4	3.3	−4.2	709 3	709.1	708.7	89	88	81	NE 1	NE 2	NE 1	10●	10●	10	1.7	● l-9, ●⁻-14¹/₂, ⸗ ll, ✳° 22
9	1.4	5.6	3.2	3 4	−4.3	707.2	708.5	711.5	83	70	87	E 1	NW 1	SW 0	10	10	2	.	
10	0 4	16.0	8.1	8 2	0.4	714.8	714 6	715.5	98	43	70	SE 0	NW 1	NE 1	0	0	0	.	⌙² l, a ≡°
11	3.7	20 8	11.9	12.1	4.2	716.7	715.5	714.1	92	36	64	NE 0	SW 1	E 1	1	1	1	.	a ≡° [19¹/₄–20
12	10.0	19.9	12.0	14.0	5 9	712.7	711.4	710.9	75	48	83	W 1	W 1	W 1	4	5	3	0.2	●° 9³/₄–10¹/₄, 19¹/₄, ⸗
13	10.0	17.8	10.3	12.7	4 5	710 9	709.2	709.1	90	55	81	NE 0	NW 1	NW 1	4	9	10●	4.7	●° 10, 13, p ⊕, ● 20–21
14	8.1	10.6	3 6	7.4	−1.0	707 3	705.9	710.5	97	72	94	S 1	SW 1	W 1	10●	10●	10●	17.5	● 0¹/₂–23¹/₂
15	3.5	5.7	4.2	4.5	−4.0	709.7	710.3	711.9	93	87	90	S 1	SW 1	W 0	10●	10	10●	7.5	● 6–17¹/₂, 21¹/₂–2³/₄
16	5.8	6.6	5.0	5.8	−2.8	712 3	712.9	714.1	85	87	98	SW 1	S 1	S 0	10●	10	10●	22.7	● l-n
17	4.8	6.8	4.8	5.5	−3.3	715.5	716.5	718.6	90	94	96	S 1	S 0	E 1	10	10●	10●	5.4	● n–5¹/₄, 11–23¹/₂
18	4.8	8.2	4.5	5.8	−3.1	717.3	716.0	714.4	90	71	95	NE 0	N 1	NE 1	10	10	1	0.2	
19	3.4	8.2	4.0	5.2	−3.8	713.6	713.7	713.0	99	73	96	NW 0	S 0	SW 1	10●	10●	1	6.4	●° 6¹/₂–8, ●-14¹/₂, 18¹/₄-19
20	2.6	11.7	9 6	8.0	−1.2	710.9	710.5	707.3	97	61	64	E 0	E 1	NE 1	10	9	10	.	
21	7.0	14.2	8.2	9.8	0.5	703.5	700.1	705.4	82	63	89	SW 1	NE 1	SW 1	10	9	10	1.7	⸗ 17¹/₂–lll, ● 19¹/₂, n
22	7.8	18.4	11.7	12.6	3.1	707.4	706.9	706.6	80	38	70	E 1	SW 1	NW 1	4	2	9	.	
23	9.4	15.4	10.0	11.6	2.0	708.2	709.6	713.1	83	57	78	NW 0	W 1	E 1	10	9	10	2.5	● 8¹/₄–9, ⛥ ● ▲° 16–17
24	6.8	10.0	7 3	8.0	−1.7	716.1	717.2	718.8	84	63	74	NW 1	SW 1	NE 1	10	10	10	0.1	●° 8¹/₄–9
25	4.2	15.0	8 8	9.3	−0.6	719.3	718.4	718.4	81	41	61	NE 0	SW 1	NW 1	1	4	0	.	
26	6.6	18.5	13.5	12.9	2.9	717.6	715.7	714.0	80	43	40	E 0	NW 1	NE 1	0	0	6	0.4	
27	8.6	10.3	7.4	8.8	−1.3	715.2	714.1	713.3	86	78	97	W 0	NW 1	NW 1	10●	10	10●	11.8	●° 5¹/₂–12¹/₂, ● 15³/₄–n
28	6.6	6.2	5.0	5.9	−4.4	715.3	716 7	718.2	97	86	90	NW 0	E 0	E 1	10●	10●	10●	1.9	● n–17, ●° lll
29	6.6	12.0	7.6	8.7	−1.7	718.9	718 9	721.4	85	52	84	S 1	SW 1	NE 1	9●	9●	10	0.1	●° l, ll, 15–15¹/₄
30	8.7	18.4	11.2	12.8	2.3	722.7	723.0	725.3	76	47	85	S 1	W 2	NW 0	9	7	8	.	⸗ ll
Mittel	5.3	12.7	7.7	8.6	–	713.9	713.4	714.0	87	59	76				6.6	6.5	5.5	Summe 86.3	

$\lambda = 8^\circ 30'$, $\beta = 47^\circ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

April 1923.
Beobachter: Frau *Küttel-Steffen.*

1	−1.0	1.2	−0 3	0.0	1.4	612.2	612.6	613.7	63	62	60	W 2	W 1	W 0	5	5	0	.		✳
2	0 0	3 6	−0.2	1.1	2.4	613 4	614.1	615.1	42	58	94	E 1	E 1	W 1	0	0	0	.		✳
3	1.1	3.6	0.8	1.8	3.0	615.1	615.3	613.8	18	22	34	W 2	W 1	NW 0	5	7	0	.		✳
4	−0.4	1.4	−0.4	0.2	1.3	611.3	610.8	609.7	56	68	73	E 0	S 1	S 0	3	3	0	.		✳
5	−0.4	2.6	−0.2	0.7	1.7	608.6	608.9	608.2	86	50	72	W 1	NW 0	NW 0	7	7	3	3.3	p ●	✳
6	−0.3	2.6	0.3	0.9	1.8	607.1	606.9	606.2	45	21	25	S 2	S 2	S 2	5	3	3	.		✳
7	0.3	2.4	−0.2	0 8	1.6	605.8	605.7	604.8	20	34	32	S 0	SE 0	SE 1	3	3	0	.		✳
8	−2.0	1.7	−4.3	−1.5	−0.8	603.0	602.2	601.6	92	92	93	NW 0	NW 0	NW 2	7	10	10≡	.	p ≡°, ≡ lll	✳
9	−1.1	1.3	−3.0	−0.9	−0.4	601.0	602.6	605.1	35	40	95	S 1	SW 0	SW 0	5	5	10≡	.	≡ lll	✳
10	−1.4	3 6	2.0	1.4	1.8	608.5	609.8	611.2	38	40	19	W 0	SE 0	SE 1	0	0	0	.		✳
11	4.2	8 4	5.3	6.0	6.3	612.1	612.7	612.2	25	12	22	W 0	S 0	NE 1	0	0	0	.		✳
12	8.4	8 6	4.2	7.1	7.3	610.2	609.5	608.0	15	18	53	SW 0	SE 2	SE 2	5	3	0	.		✳
13	2.0	8.2	1.4	3.9	4.0	607.3	606.8	605.7	95	50	93	SE 2	SE 2	W 2	7	5	10≡	7.6	≡ lll, n ✳	✳
14	0.0	2.3	−4.1	−0.6	−0.6	603.1	602.2	603 6	97	64	96	W 0	W 0	W 2	10*	10≡	10*≡	26.9	≡° l, ✳² ≡	✳
15	−5 0	−2.1	−4.3	−3.8	−3.9	603.2	603 4	605.4	95	95	95	W 1	W 0	W 0	10≡	10*≡	10*≡	18.7	≡ ✳	✳
16	−3.3	−2.0	−2 3	−2.5	−2.7	606.1	606.7	607.7	96	96	95	W 2	W 3	W 1	10≡	10*≡	10*≡	45.7	≡, ⸗ ll, p n ✳²	✳
17	−4.1	−2.2	−2.0	−2.8	−3.1	608.7	610.2	611.7	97	96	96	W 1	W 2	W 0	10≡	10*≡	10≡	10.8	≡ ✳	✳
18	−2.4	0.0	0.0	−0 8	−1.2	610.7	610.2	609.8	96	98	94	W 0	W 0	W 2	0	0	0	.		✳
19	−0.2	−0.8	−2.2	−1.1	−1.6	608.0	607.9	607.7	88	86	89	W 2	W 4	W 1	10≡	10*≡	5	9.2	✳ ≡ n–p, ⸗ ll	✳
20	−1.2	2.0	1.4	0.7	0.0	605.6	606.1	603.8	88	75	40	SE 0	SE 1	SE 4	10	10	10	.	⸗ lll-n	✳
21	3.6	4.8	0.0	2.8	2.0	600.7	598 3	601.7	31	29	100	SE 4	SE 4	W 0	10	10	10	4.1	⸗ n–ll, ≡° lll, n ● ✳	✳
22	1.8	5 4	3.0	3.4	2.5	603 4	603.6	604.2	44	38	30	W 0	W 0	W 1	3	5	10	.		✳
23	1.4	4.2	0.3	2.0	0.9	604 3	606.2	607.6	89	65	97	N 0	W 0	W 1	10	10≡	10*	16.7	≡°, ≡ ll, p n ✳	✳
24	−2.0	−0.3	−3.2	−1 8	−3.0	608.5	610.9	612.4	97	97	98	W 1	W 2	W 1	10≡	10≡	10	.	≡, ≡° lll	✳
25	−0.6	0 8	−0.4	−0.1	−1.4	612.4	613.1	613.7	93	91	63	SW 1	W 0	W 1	5	3	0	.		✳
26	1.2	6.2	4.0	3.8	2.4	612.6	612.5	611.5	54	29	29	S 2	SE 2	S 1	0	0	5	.		✳
27	0.0	0.2	0.0	0.1	−1.4	610.1	609.1	608.0	99	98	100	W 0	NW 0	NW 2	10≡	10≡	10*	19 0	≡, ✳ ≡° lll-n	✳
28	−2.0	−2.0	−2.4	−2.1	−3 8	608.9	610.5	611 9	100	96	98	NE 0	NW 0	W 0	10≡	10	10	.	≡ l, ≡°-p	✳
29	−2.1	0.7	−1.1	−0.8	−2.6	612.3	613.2	614.5	98	98	98	W 1	W 0	W 1	10	10	10	.		✳
30	0.4	5.0	3.2	2.9	1.0	616.2	617.4	620.2	30	53	98	W 2	W 1	W 1	10	10	10	.		✳
Mittel	−0.2	2.4	−0.2	0.7	—	608.3	608.6	609.0	67	62	73				6.3	6.3	5.9	Summe 162.0		

April 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$,
$H_b = 1707.6^{m}$, $G = -0.12\ ^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−5 4	5.1	−1.7	−0.7	0.8	618.8	618.9	620.1	83	44	69	E 0	E 0	SW 0	6	6	1	.	
2	−8.0	4.4	−0.2	−1.3	0.1	621.0	620.4	622.0	86	58	94	SW 0	SW 0	SW 0	1	2	9	.	☀° 20−n
3	−6.1	4.2	−2.3	−1.4	−0.2	622.0	620.8	619.6	88	47	71	SW 0	NE 3	SW 0	1	3	1	.	a △°, 🌧 II
4	−6.3	3.2	−1.5	−1.5	−0.4	618.0	616.7	617.5	75	58	86	NE 0	SW 2	SW 1	3	1	6	. .	🌧 II, n △°
5	−2.8	3.0	−2.2	−0.7	0.2	615.8	614.6	615.1	86	63	85	SW 0	S 0	SW 0	5	3	1	.	🌧 II
6	−4.2	2.8	−1.0	−0.8	0.0	614.7	613.9	614.2	75	62	86	SW 0	SW 1	SW 0	1	8	4	.	n (6/7) ☀°
7	−3.8	3 8	−1.0	−0.3	0.3	612 9	611.4	610 8	88	64	89	SW 0	S 1	SW 0	5	8	4	0.5	☀° 14−p
8	−6.6	2.6	−0.5	−1.5	−1.0	609.6	608 7	609.2	99	61	84	SW 0	SW 0	SW 0	2	9	8*	0.3	☀° III
9	−1.2	4.2	−1.5	0.5	0.8	608 2	608.7	611.6	81	64	96	N 1	SW 1	E 0	9	10*	1	.	☀° II−15½
10	−3.4	6.8	−0.4	1.0	1.2	614.9	615.9	619.0	94	49	67	N 0	E 0	SW 0	7	1	0	.	
11	−5.0	8.9	2 5	2.1	2.1	619.8	619.1	619 5	86	50	86	S 0	SW 0	W 0	1	1	1	.	
12	0.5	9.2	2.9	4.2	4.0	618.8	617.7	616.6	93	57	95	SW 0	W 1	N 0	6	9	8●	3.7	● 15−n
13	3 4	6.0	2.1	3.8	3.4	614.8	614.4	612.6	92	77	97	S 0	SW 0	SW 0	8	10●	10●	8.5	● 9¾−n, n ☀
14	1.1	5.2	0.6	2.3	1.8	609.2	608 0	608 6	97	75	77	N 0	SW 1	N 1	10*	10	10△	5.7	a ☀, ● ☀ 13⅝−n, △
15	−2.8	0.4	−2.0	−1.5	−2.2	608.2	608.9	611.0	80	64	76	N 1	W 0	SW 0	10	10△	10△	0.5	△◡ 9−n [III−n
16	−1.4	4.0	−1.3	0.4	−0 4	611.8	612.4	613.2	78	47	95	W 0	W 0	E 0	10*	10	10*	4.0	☀◡ ☀ III−n
17	−1.1	2 3	−0 5	0.2	−0 8	613.6	615.3	617.3	93	61	93	N 0	W 0	SW 0	10	10	10●	0.5	☀°, ●° III, n △°
18	−1.5	7.2	−1.4	1.4	0.2	616.6	615 8	616.0	87	49	72	S 0	SW 1	W 0	1	1	1	.	≮ 21
19	0.0	6.8	−1.9	1.6	0.2	614.4	613.0	614 1	76	53	96	SE 0	S 1	W 0	6	9	8	7.1	☀ 13⅝−18
20	−3 8	3.6	1.0	0.3	−1.2	613.4	613.2	613.8	85	72	85	N 0	SW 1	E 0	10	10*	9	2.3	☀ 7⅝−III
21	1.3	1.6	1.4	1.4	−0.3	609.9	**607.4**	609.3	97	98	96	NE 1	NE 3	W 0	10*	10*	9	**21.7**	● ☀ 🌧, ☀² 17−III
22	1.9	7.2	1.4	3.5	1.7	611.0	611.3	610.2	88	57	84	S 0	S 0	N 0	3	4	10	.	≡◡ ≮ III
23	0.8	7.2	1.7	3 2	1.2	610.4	611.7	614.1	85	51	91	S 0	SW 1	E 0	9	9	9●	0.6	☀° 8¾, ●° 18¾−III
24	2.5	8.8	0.7	4.0	1.8	615.1	615.9	617.7	89	45	95	NE 1	S 1	N 1	4	7	10	0.2	☀° 18¾, ●°−20, n 🌧
25	2 4	7.0	1.5	3.6	1.3	618.7	619 0	621 0	62	55	86	E 0	SW 2	NW 0	9	6	3	.	🌧 II
26	3 0	7.8	1.3	4.0	1.5	621.1	621.0	620.2	71	58	80	NW 1	SW 2	W 0	9	7	1	0.7	🌧 II
27	2.4	6.4	2.3	3.7	1.1	616.5	614.9	612.5	91	70	95	SW 1	SW 1	NE 0	10●	10●	10●	7.1	●° n−7¾, ● ☀−11, ●−n
28	2.6	2.1	1.8	2.2	−0.6	614.3	615.7	617.4	92	88	83	N 0	SW 0	NW 0	10	10*	9	1.9	☀ 8½−16
29	0.9	5.3	2.4	2.9	0.0	618.4	618.7	611.0	73	48	63	NE 1	W 1	NW 1	9	9	3	.	
30	0.4	**9.4**	2.8	4.2	1.1	623.6	624.7	**626.7**	75	**42**	70	NE 0	N 2	SW 0	2	6	1	.	⌴ I, 🌧 II
																		Summe	
Mittel	−1.3	5.2	0.2	1.4	—	615.2	614.9	615.7	85	60	85				6.2	7.0	5.9	65 3	

April 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$Hb = 541\ 8^{m}$, $G = 0.00\ ^{m}/_{m}$.

1	5 8	15 3	10.0	10.4	2.3	714.2	712.9	713.3	100	35	40	NE 0	SE 0−1	NE 0	9	1	1	.	
2	4 8	16.6	10.4	10.6	2.4	714.7	713.0	715.4	69	**25**	58	NE 0	S 0−1	N 0	0	1	2	.	
3	5.6	16 7	11.5	11.3	2 9	717.1	714.1	713.0	82	93	49	NE 0	NW 0−1	N 0	7	6	5	.	
4	7.9	14 8	10.2	11.0	2.5	711.6	709.1	709.5	71	45	49	NE 0	SW 0	NE 0	8	8	3	.	
5	7.4	16.7	9.3	11.1	2 4	710.5	707.2	707.7	60	30	68	NE 0	NE 0	W 1	6	4	8	.	
6	8 5	14.0	10.1	10.9	2.1	707.0	704.8	706.1	56	26	30	NE 0	NE 2−3	NE 0	7	9	3	.	🌧 II
7	5.8	16.7	9.4	10.6	1.6	705.9	703.1	703.6	54	30	56	NE 0	W 1−2	NE 0	9	5	3	.	
8	7.5	14.9	7.2	9 9	0.8	702.7	700.2	700.8	84	42	76	NE 0	SW 2	W 0	9	2	2	.	●° n−l
9	4.1	10.8	6.8	7.2	−2.0	701.8	701.4	705.4	97	51	58	NW 0	SW 4	W 0	10	2	0	.	
10	**3.4**	16.4	10.2	10.0	0.6	709.7	708.4	711.1	96	27	50	NE 0	NE 0	NE 0	0	0	0	.	⌴ I
11	7 7	**20 1**	15.5	14.4	4.9	712.3	709.7	710.0	60	**25**	33	NE 0	NW 0−1	NE 0	0	5	5	.	
12	12.2	**20 1**	15.5	15.9	6.2	710.1	707.0	705.8	52	33	36	NE 0	NE 1−2	NE 2−3	8	5	4	.	🌧 III
13	10.0	19.2	11.0	13.4	3.6	706.2	703 4	704.4	91	29	74	NE 0	SW 2	SW 1−2	5	10	10	**4.1**	n (13/14) ●
14	9.4	8.3	5.0	7.6	−2.4	701.8	700.9	704 9	98	73	70	NW 0	NW 2	SW 2	10	10●	10	1.6	● II
15	4.9	10.0	6.4	7.1	−3.0	704.1	704.1	706 8	71	45	56	W 0	SW 0−1	W 0	10	9	6	0.2	a ●°
16	6.8	13.6	8.0	9.5	−0.7	707.6	706.8	708 8	75	36	55	NE 0	SW 1	SW 0	7	6	5	.	
17	7.4	13.0	8.2	9.5	−0.9	710.1	711.0	712.9	76	39	55	SW 1	SW 1	NW 0	10	10	4	.	
18	5.4	15.7	8.7	9 9	−0.6	712.0	708.7	709.0	75	29	57	NE 0	NW 0−1	NE 0	1	2	0	.	
19	7.6	11.5	7.2	8.8	−1.9	708.5	707.3	707.2	86	49	49	S 0−1	NW 0−1	NW 0	10	7	1	0.8	●° 8, 11
20	6.0	17.0	13.8	12.3	1.5	705.7	703.3	702.7	55	90	30	NE 0	NE 0−1	NE 0	10	6	10	.	🌧 14½−20½
21	12.0	12.5	7.7	10.7	−0.2	699 5	**695 9**	701.4	50	50	95	NE 2−3	NE 2−3	NE 0	10	10	5	6.3	🌧 I−II, ● 14½−18
22	7.0	17.4	12.9	12.4	1.3	703.3	701.2	701.5	88	26	35	NE 0	NE 0	W 0−1	1	1	10	.	△ I
23	10.0	16.4	10.6	12.3	1.1	703.7	704 5	707.6	77	34	70	NE 0	SW 1	SW 0−1	10	10	10●	.	●° 17−III
24	9.3	14.2	8.7	10.7	−0.7	710.0	709.8	712.6	75	40	50	W 0	SW 2−3	SW 1	7	4	10	.	●◡ 5¾, 🌧 II
25	6.7	16.5	9.0	10.7	−0 8	714.4	713.3	714.0	67	29	48	NE 0	W 1	NE 0	2	1	0	.	
26	7.7	18.6	15.2	13.8	2.2	714.3	711 0	710.6	66	26	31	NE 0	NE 3	NE 2−3	0	0	10	1.1	p 🌧
27	7.8	13.6	9.2	10.2	−1.6	710.0	707.2	707.1	100	50	95	SW 0	SW 1−2	NW 0	10	10	10	2.8	● 4½−l, 16½−19
28	7.0	11.8	8.8	9.2	−2.7	709.7	709.8	712.3	80	43	52	W 0	SW 2−3	W 0−1	7	10	9	.	🌧 II
29	8.4	13.4	9.2	10.3	−1.7	713.8	713.4	716 2	66	34	43	NE 0	SW 1−2	W 0	8	8	1	.	
30	5.5	18.2	12.8	12.2	0.0	719.4	718.1	**720 4**	86	30	57	NE 0	SW 0−1	NE 0	9	2	0	.	
																		Summe	
Mittel	7.3	15.1	10.0	10.8	—	709.1	707.4	708.7	75	41	54				6.7	5.5	4.9	16.9	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

April 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	5.8	16.0	9.0	10.3	1.2	735.8	735.5	736 5	76	54	70	W o	S o	N o	2	3	1	.	
2	7.8	10.6	7.2	8.5	−0.8	739.2	740.5	742 7	71	66	75	N o	WSW o	N o	9	10	10	1.1	● 14–18
3	4.0	15.2	9.0	9.4	0 0	741.2	738.1	736.5	55	39	59	N o	SE o	N o	0	0	0	.	
4	7.8	10.1	7.6	8.5	−1.0	737.0	737.2	737.3	69	46	62	SW o	SW o	N o	10	10	10	.	p ●°
5	6.8	12.6	7.2	8 9	−0.8	735.6	734.0	733.3	75	43	63	NW o	SW o	N o	10	9	0	.	
6	6.4	12.8	7.4	8.9	−0.9	733.7	722.7	733 0	76	45	92	N o	ESE o	SE o	10	5	10●	2.4	● 19½–22
7	6.8	14.2	7.6	9.5	−0.4	731.6	729.4	728.5	76	41	65	W o	SSW o	S o	10	3	2	.	a ●°
8	6.8	13.8	7.8	9.5	−0.6	726.8	726.0	726.6	71	47	82	N o	S o	N o	4	9	10●	9.9	● 15–18, III–n, ▲ 16–16¼
9	6.4	9.4	7.2	7.7	−2.5	725.3	726.0	729.1	83	68	85	N o	SE o	E o	10●	10●	9	4.4	● n–17
10	5.2	18.6	10.2	11.3	1.0	730.5	732.0	736.0	77	44	68	N o	SE o	N o	0	0	0	.	
11	8.0	18.2	12.8	13 0	2.5	737.2	735.8	736.4	77	43	64	N o	S 1	S o	0	1	0	.	
12	10.6	12.6	11.0	11.4	0.8	735.8	735.5	734.4	81	71	71	SW o	SE o	N o	10	10●	10●	3.9	● 13–11, 15–15½, 20½–21½
13	9.6	10.0	9.2	9.6	−1.1	732.1	731.8	729.7	81	84	87	N o	S o	N o	10	10●	10●	36.5	●² 13–n
14	8.2	10.7	8.6	9.2	−1.7	726.1	724.3	723.4	85	76	60	N o	S o	N 3	10●	10●	10	7.2	● n–23, ⛈ III–n
15	10.2	12.8	7.6	10.2	−0.8	**722 2**	723.2	726.1	32	**29**	40	N 3	N 2	N o	10	10	0	.	⛈ n–II
16	6.8	16.8	11.0	11.5	0.4	727 9	727.6	728.8	50	38	39	NNW o	S o	N o	3	8	10	.	
17	11.7	16.6	14.2	14.2	2.9	729.6	730.6	732.5	40	31	33	N 1	NNE 1	NNE 1	10	8	0	.	
18	8.4	16.4	10.9	11.9	0.5	732.8	732 2	732.7	56	53	61	N o	S o	N o	0	3	0	.	
19	9.6	10.4	6.2	8.7	−2.8	731 8	730.6	730.8	76	83	87	W o	SE 1	N o	8	10●	0	14.6	● 13¼–15¼
20	6.4	7.2	7.0	6.9	−4.7	731.0	731.8	731.5	84	75	86	NNE o	N o	N o	10	10	10	35.9	●² 5–16¾, 20–n
21	6.9	7.2	9.2	7.8	−4.0	727.0	722.4	725.7	80	85	86	NW o	N o	S o	10	10	10	**42 8**	●² n–18½
22	9.6	14.2	11.2	11.7	−0.2	727.7	727.1	725.5	80	55	71	W o	SE o	N o	9●	9	10	.	● n–I
23	9.8	17.8	9.6	12.4	0.3	725.6	726.7	730.9	70	48	86	NE o	SE o	N o	9	5	10●	14.8	▲ 16¾–17, ● 16½–III
24	8.0	15.0	9 0	10.7	−1.5	732.2	732.5	734.9	77	58	81	N o	SE o	N o	0	8	10	26.7	▲ 14½–14¾, ●² 14–19½
25	7.0	13.8	9.4	10.1	−2.2	736.6	737.6	739.0	79	51	79	WNW o	SE o	N o	5	9	9	6.6	● 14–16½
26	9.8	16.4	12.2	12.8	0.3	740.0	739.5	738.1	84	53	80	W o	ESE o	N o	10●	9	10●	24.4	● n–I, ●² III–n
27	8.0	10.8	9.2	9.3	−3.3	735.1	732 4	728.9	75	67	83	NW o	W o	N o	10●	10●	10●	4.5	●
28	9.6	16.0	10.4	12.0	−0.7	730.7	732.1	734.4	80	49	83	W o	E o	N o	10●	5●	9	0.1	●° n–II
29	9.6	14.0	9.0	10.9	−2.0	735.6	735.6	738.2	75	48	75	N o	S 1	N o	7	8	0	.	
30	8.0	**19 1**	12.4	13.2	0.2	741.1	741.3	**743.5**	69	43	46	NE o	SE o	N o	0	1	0	.	
																		Summe	
Mittel	8.0	13.6	9.3	10.3	—	732.5	732.1	732.8	72	54	71				6.9	7.1	6.0	235 8	

Basel.

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

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Bernoullianum.

1	5.7	14.0	10.4	10.0	2.5	737.0	737.0	737.7	94	50	68	S 1	N 1	E 1	3	4	0	.	● 0½–0¾
2	3.3	12.3	9.6	8.4	0.8	739.5	738.9	739.9	97	50	55	W o	E 1	E 1	10	1	0	.	≡ 7¾–8½
3	4.4	13 6	10.0	9.3	1.6	740.6	738.7	737.0	66	51	65	E 1	N 1	W o	2	2	0	.	
4	6.4	13.6	9 8	9.9	2.0	735.8	733.7	732.5	52	**28**	46	E 1	E 1	E 1	3	1	0	.	
5	5.4	14.6	9.8	9.9	1 9	732.2	730.6	730.0	67	48	72	E 1	E 1	S o	5	5	0	.	●° 17½, 18½, 19¼
6	8.2	15.4	10.0	11.2	3.1	730.1	728.1	728.0	76	46	70	SE 1	NE o	W 1	8	7	0	.	
7	5.2	14.3	10.1	9.9	1.6	729.0	727.7	727.0	81	57	76	SE 1	N 1	SW 1	3	5	0	.	
8	5.2	6.6	4.0	5.3	−3.1	727.7	727.7	727.5	81	68	65	NW 1	E 1	E 1	8	10	10	.	●° 11–11¾, 15
9	1 6	6.8	3.6	4.0	−4.5	726.1	727.1	730.0	82	63	90	NW 1	N 1	SW 1	10	10	0	.	
10	**0 8**	13 3	8.3	7.5	−1.2	733.8	732.9	733.8	88	52	76	SE 1	N 1	N 1	6	3	0	.	≡° ⌴ I
11	7.4	**20.6**	14.0	14.0	5.2	734.3	732.6	731.5	67	34	53	SE 1	E 1	SE 1	2	2	0	.	
12	11.4	19.6	12.2	14.4	5.5	730.4	728.6	729.4	72	40	95	SE 1	SE 2	NE 1	10	7	10	**19.2**	● 7¾–9, 18½–19¼, *)
13	10.4	15.4	10.6	12.1	3.0	728.7	727.0	726.8	95	63	95	E 1	E 1	SE 1	10●	8	10	7.8	● 0¼–6, 12–12¼, *)
14	9.8	8.0	5.2	7.7	−1.5	724.9	725.4	728.8	93	86	94	SE 1	SW 1	SE 1	10	10●	10	7.2	● 5–5¼, 9–20¾
15	5.6	10.4	6.0	7.3	−2.0	727.9	728.2	729.9	94	57	91	SE 1	W 1	SE 1	10	9	10	5.7	● 4½–6¾, 13¾–15¾, *)
16	5.4	8.0	7.8	7.1	−2.4	730.6	731.1	732.3	97	86	86	SE 1	S 1	SW 1	10●	9●	10	5.0	● 6¾–17½
17	7.8	10.6	7.0	8.5	−1.1	734.1	735.2	738.2	89	71	80	SW 1	N 1	NW 1	10	9	10	0.3	●° 12–12½
18	6.2	10.2	8.0	8.1	−1.6	736.0	734.1	732.5	88	61	73	NW 1	E 1	E 1	10	5	0	3.0	
19	7.0	11.6	6.4	8.3	−1.5	732.3	731.7	731.0	83	52	88	SW 1	W 1	E 1	10●	10	0	3.0	● 6¾–9¾, 15–16¾
20	4.4	11.4	10.4	8.7	−1.3	729.3	728.6	725.7	90	72	77	SE 1	N 1	N 1	10●	10	10	0.2	●° I, 8¾–9
21	7.6	9.6	9.0	8.7	−1.4	722.0	**718 7**	722.4	86	82	95	W 1	N 1	E 1	10	10	10	3.6	● 17¼–19¼
22	8.4	16.2	11.2	11.9	1.7	724.9	724.8	724.7	86	53	83	SE 1	W 1	S 1	7	7	5	0.3	●◡ 14¼–15½
23	9.4	17.0	10.6	12.3	1.9	727.0	727.8	731.6	86	47	73	SW 1	W 1	W 1	10	5	9	.	
24	8.2	12.2	7.2	9.2	−1.3	735.0	735.7	737.7	78	38	75	W 1	W 1	NW 1	7	5	3	.	
25	3.6	14.2	8.8	8.9	−1.7	738.4	737.0	736.7	80	42	76	E 1	SW 1	W 1	4	7	0	.	≡° I
26	6.8	18.6	15.2	13.5	2.8	735.9	732.7	732.1	74	37	42	SE 1	N 1	S 1	2	1	7	3.5	
27	9.4	9.4	9.0	9.3	−1.6	733.6	732.7	732.2	92	89	89	SE 1	N 1	W 1	10	10●	10	0.7	● 0½–3¾, ●° 12¼–15½
28	7.8	10.6	9.0	9.1	−1.9	734.1	735.1	736.5	72	68	73	W 1	NW 1	SE 1	10	10	10	0.7	●° 13¾–21½, 14½–15½
29	6.8	14.0	8.4	9.7	−1.4	737.6	737.4	739.8	85	48	81	SE 1	W 1	SW 1	8	9	10	0.4	● 14¾–15, 18–18¼
30	7.4	15.2	12.0	11.5	0.3	741.2	742.3	**744.1**	80	64	86	E 1	W 2	SW 1	10	9	1	.	⛈ II
																		Summe	
Mittel	6.6	12.9	9.1	9.5	—	732.3	731.6	732.2	82	57	76				7.6	6.7	8.4	70.6	

*) **12.** $22\frac{1}{2}$–$22\frac{3}{4}$, ⛈ II, ⛆ $18\frac{3}{4}$–19 *) **13.** $15\frac{3}{4}$–16, $19\frac{1}{2}$–$22\frac{1}{4}$, ●° I–10, ⛆ 20 *) **15.** $18\frac{3}{4}$–$19\frac{3}{4}$, △ 14

April 1923.
Beobachter: *Observatorium*.

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$.
$H_b = 2500.1^{m}$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−6.4	−1.2	−6.2	−4.6	1.6	559.3	560.6	560 9	100	86	92	WSW 2	SSW 1	NE 1	10≡	8	0	.	≡ 7-12
2	−2.6	−1.6	−5.2	−3.1	3.0	560.7	561.6	562.4	56	66	92	ENE 1	NE 0	WSW 1	1	1	0	.	
3	−5.6	−2.4	−5.4	−4.5	1.5	562.0	562.4	560 9	65	98	51	WSW 4	WSW 2	WSW 1	2	10≡	3	0.7	🌧 l, ≡ 9-14, ✳° △°-11½
4	−5.2	−2.3	−5.2	−4.3	1.6	558.4	558.0	557.2	**21**	80	86	WNW 1	SSW 1	SSW 1	6	3	0	.	
5	−4.8	−2 8	−5.2	−4.3	1.5	556.0	556.2	555.6	100	96	97	WSW 3	SW 1	SW 0	10≡	10≡△	3	.	≡ ✳° △° 7-15½, ✳° 20½
6	−3.8	−3.6	−6.2	−4.5	1.2	554 8	554 3	554.1	62	80	82	ESE 1	SE 2	S 1	1	3	0	.	
7	−4.4	−4.0	−6.8	−5.1	0.5	553.5	553.4	552.5	45	99	100	S 0	E 0	NE 1	3	10≡*	0	0.1	≡ ✳° △° 12-14½
8	−7.0	−4.0	−7.4	−6.1	−0.6	550.5	550.3	549.6	100	92	10)	SW 1	SSW 2	SSW 2	10≡*	10≡*	6	2.0	≡ 5-III, ✳ 7-20
9	−4.0	−3.4	−5.4	−4.3	1.1	549.3	550.8	553.3	66	77	92	S 2	S 1	N 0	7	6	10	.	△° 16
10	−2.4	−1.8	−1.3	−1.8	3.5	556.1	558.2	560.0	56	80	29	S 0	SE 1	W 3	2	1	0	.	🌧 III
11	0.3	2.8	−0.6	0.8	6.0	560.5	561.3	560.6	47	60	92	WSW 2	SSW 2	SW 1	1	1	0	.	
12	2.6	**7 2**	1.0	2.6	7.6	559.2	559.0	557.0	63	79	92	SW 3	S 2	SSW 4	4	7	10	.	🌧 III-n
13	−0.1	2.8	−0.8	0.6	5.5	555.7	555.7	554 3	83	85	92	S 3	S 2	S 2	7	7	10	6.5	a 🌧, 🌂 III
14	−4.2	−1.6	−8.6	−4.8	0 0	551.4	550 4	550.6	100	94	100	WNW 1	W 0	W 3	10≡*	10≡*	10≡*	4 .8	✳² ≡ 2-n, 🌧 ⊹ 16-n
15	**-10 1**	−6.4	−9.4	−8.6	−3 9	550.0	550 8	552.1	100	100	100	WNW 1	WNW 1	NW 1	10≡*	10≡*	10≡*	**47.9**	✳² ≡ ⊹
16	−8.0	−5.3	−7.0	−6.8	−2.2	552.8	553 6	554.7	100	100	100	W 2	W 1	WNW 1	10≡*	10≡*	10≡*	47.5	✳² ≡ ⊹
17	−9.0	−6.6	−6.6	−7.4	−2.9	555.2	556.7	558.2	100	100	100	W 1	WSW 2	WNW 1	10≡*	10≡*	10≡*	20.6	✳ ≡ ⊹
18	−6.2	−2.2	−5.4	−4 6	−0.2	557.4	557.4	556 7	100	69	99	SW 1	SSW 1	WSW 4	8	0	10	1.8	≡° 🌧 III [19½-n
19	−5 0	−7 0	−7.5	−6.5	−2.2	555 4	554 7	554 6	100	100	100	WSW 2	W 3	W 2	10≡*	10≡*	10≡*	8.7	✳ ⊹ ≡ 5½-n, △ 10-17½,
20	−6.4	−4 6	−4 2	−5.1	−0.9	553.4	553.8	553.0	100	96	85	SSW 1	WSW 2	S 3	10≡*	10≡*	10	2.0	✳ ≡ n-15, p n 🌧
21	−0.8	−0.2	−3.6	−1.5	2.5	550.1	**548 2**	549.9	92	92	100	S 4	S 5	W 2	10	10	10≡*	1.7	🌧, 🌧 II, ✳◡ 15-16, ✳
22	−2.2	1.0	−2.9	−1.7	2.2	551.9	552.9	552.6	100	80	100	S 1	S 2	SE 0	6	8	9	.	≡°-≡ [⊹ ≡ 20-n
23	−3.2	−1.8	−4.1	−3.0	0.8	552.8	554.3	555.8	100	100	100	N 0	W 1	N 2	10≡*△	10≡	10≡*	13.9	✳° △° 7½-8, ≡, ✳ △
24	−4 8	−3.0	−8.1	−5.3	−1.6	556 7	558.1	559.0	100	100	100	WSW 1	WSW 1	W 1	10≡	10≡	10≡*	0.6	≡, ✳° 21-n [16-n
25	−6.3	−1.5	−4.6	−4.1	−0.5	559.3	560.2	561.0	100	100	100	WSW 2	SW 1	SSW 2	6	10≡	0	.	≡°-≡
26	−2.7	−1.0	−3.5	−2.4	1.1	560.5	560.5	559.6	60	72	80	S 3	S 2	SSW 3	1	1	7	.	🌧
27	−2.4	0.3	−4 4	−2.3	1.0	557.8	556.8	555 4	100	93	100	S 2	S 1	S 2	10	10≡*	10≡*	2.3	≡ ✳ 7-n
28	−5.2	−4.0	−7.0	−5.4	−2.2	556.1	557.4	558.8	100	100	100	NE 0	W 2	W 1	10≡	10≡*	10≡	1.2	≡, ✳ △ 9-16½, ≡²-n
29	−6.5	−4.4	−6.2	−5.7	−2.6	559.2	560.1	561 7	99	100	100	W 2	WSW 1	WSW 2	10≡	10≡*	10≡*	4.6	≡, ✳ ⊹ 13-n
30	−5.8	−1.5	−1.0	−2.8	0.2	563.3	565.6	**567 8**	100	100	100	WSW 3	SW 4	SW 2	10≡	10≡	10≡△	.	≡ 🌧 8½-n, ✳° △° [11¼-III
																		Summe	
Mittel	−4.4	−2.2	−5.0	−3.9	—	556.0	556.4	556.7	84	89	92				7.2	7.5	6.6	202.9	

April 1923.
Beobachter: Frl. *F. Lombardi*.

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$H_b = 2102.9^{m}$, $G = -0.14\,^{m}/_{m}$.

1	−2.2	0.0	−4.0	−2.1	1.9	588.9	590.3	589.9	62	**41**	68	N 1	N 1	N 1	3	0	0	.	
2	−1.3	3.8	−3.2	−0.2	3.7	589 9	590.8	592.1	58	51	90	N 1	N 0	N 0	3	3	0	.	
3	−2.0	−0.2	−2.0	−1.4	2.4	591.3	591.3	589.8	79	67	86	N 1	N 2	N 0	0	0	10≡	.	≡ 19¼-n
4	−1.2	−0.3	−5.2	−2.2	1.4	587.7	587.3	587.3	71	85	100	N 0	SE 0	SE 1	5	10≡	10≡	.	≡ 10-n
5	−5.0	1.8	−4.2	−2.5	1.0	585.7	585.5	585.2	95	74	76	N 0	N 0	S 1	10≡	10≡	10≡	.	≡
6	−4.8	−2.2	−5.0	−4.0	−0.6	584.2	584.0	584.2	96	84	99	NE 1	SE 1	SE 1	10≡	10≡*	10≡	2.6	≡ ⊹ ✳
7	−4.7	4.9	−2 4	−0.7	2.6	582.9	582.4	581.6	94	65	80	SE 0	SE 0	SE 0	10≡	3	0	.	≡ n-11
8	−4.6	−1.2	−4.4	−3.4	−0.2	579.5	579.2	579.0	70	85	82	E 1	S 2	S 2	0	10*≡	10≡	17.2	✳ 13¼-20, p ≡
9	−1.6	4.2	−4 2	−0.5	2.6	578.3	579.4	581.9	85	62	81	S 0	SE 0	N 1	10	10	0	.	
10	−5.4	2.2	−0.4	−1.2	1.8	585.0	586.8	589.1	75	55	72	N 2	N 1	N 0	0	0	0	.	
11	−2.5	**5 5**	1.0	1.3	4.1	589.6	589.8	589.7	70	58	85	S 0	S 0	S 2	0	3	10	.	
12	0.8	2.5	−0 8	0.8	3.5	588.6	588.4	586.9	85	82	92	S 2	S 1	S 1	10	10●≡	10*≡	10.2	≡ 10½-n, ● 13-13¾,
13	−0.4	1.0	−1.0	−0.1	2.5	585.1	584.5	582.9	90	77	91	S 1	S 1	S 1	10≡	10≡	10*≡	24.9	≡, ✳² 21-n [✳ 20-n
14	−0 6	3.6	−6.0	−1.0	1.5	579.9	578.4	579.0	83	73	100	S 0	S 1	N 3	10*	10*	10≡	27.1	✳² n-14¼, ≡ ⊹² 🌧
15	**-7 2**	−5 3	−7.0	−6.5	−4.2	577.7	578.8	581.5	88	94	98	N 4	N 4	N 4	10≡	10≡	10≡	10.3	≡ 🌧 ✳ [III-n
16	−6.2	−3.0	−5.0	−4.7	−2.5	581.6	582.8	583.3	98	82	100	N 3	N 1	N 2	10≡	10≡	10≡	17.9	🌧 l, ≡, ✳ 15-18½
17	−5.2	−4.2	−4.0	−4.5	−2.4	583.3	585.0	586.8	98	97	100	N 4	N 3	N 2	10≡	10≡	10≡	8.4	🌧 l, ≡ ✳ 🌧
18	−5.4	0.5	−1.0	−2.0	0.0	586 8	586 6	586.5	90	58	89	N 1	N 0	N 0	0	0	0	.	
19	−2.2	−3.8	−6.5	−4.2	−2.3	584.8	583.6	584.0	80	85	85	SE 0	N 2	N 2	3	10*	0	15.1	✳ 10¼-21
20	−2.3	0.8	−3.0	−1.5	0.3	583.2	583 3	582.9	80	60	94	S 2	S 2	S 2	10	10●*	10*≡	23.6	≡ 10-n, ● ✳ 13-14¾, *)
21	−2.1	−0.8	−2.0	−1.6	0 0	579.7	**576 9**	579.4	98	89	94	S 1	S 1	SE 1	10*≡	10*≡	10≡	**36.8**	✳² n-19½, ≡
22	−1.6	2.4	−2.0	−0.4	1.1	581.0	581.6	580 9	90	65	73	SE 1	SE 0	N 0	10≡	10	3	4.5	≡ ✳ n-11
23	−0.4	−2.5	−1.0	−1.3	0.1	581.2	582.6	584.4	98	70	100	N 1	N 1	N 0	10≡	10	10≡	.	≡ n-9, 18½-n
24	−2.0	−1.1	−4.5	−2.5	−1.2	586.0	586.7	588.4	90	93	88	N 0	N 2	N 1	10≡	10≡	10≡	.	≡
25	−5.0	3.5	−1.0	−0.8	0.4	588.8	589.4	590.9	58	60	88	N 1	E 1	E 1	0	10	5	.	
26	−0.6	0.9	−1.3	−0 3	0.7	590.5	590.8	589.5	92	94	98	S 2	SE 3	SE 3	10≡	10*●	10≡	24.7	≡, ● ✳² 12¼-20¼, p 🌧
27	−0.8	3.7	−2.2	0.2	1.1	587.0	585.5	583.5	90	98	100	SE 1	S 0	N 3	10*≡	10≡	10≡	1.1	✳ n-8¼, ≡, 🌧 III
28	−3.8	−0.2	−4.0	−2.7	−1.9	584.6	586.4	588.1	98	70	95	N 2	N 2	N 2	10≡	5	10≡	.	≡ n-8, 19-n
29	−4.1	2.0	−3.5	−1.9	−1.2	588 5	589.2	591.8	78	64	95	N 2	N 1	N 0	0	6	10≡	.	≡ 17½-h
30	−4.8	2.5	1.0	−0.4	0.2	592.4	595.2	**597.1**	71	45	89	N 1	N 0	N 1	0	0	0	.	
																		Summe	
Mittel	−3.0	0.7	−3.0	−1.7	—	585.1	585.4	585.9	84	73	90				6.5	7.3	6.9	224.4	*) **20.** ✳² 17¾-n

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

Mai 1923.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	8.3	19.9	13.3	13.8	3.5	**719.3**	718.8	718.7	83	49	87	SW 0	SW 1	W 0	0	0	0	.	
2	11.0	22.9	15.6	16.5	6.0	719.2	717.7	716.2	73	**34**	79	SSW 1	SW 1	SSW 0	0	0	0	.	
3	13.1	22.2	15.2	16.8	6.2	716.1	714.7	715.8	68	37	75	S 0	NW 1	SE 0	1	3	1	.	
4	12.9	22.2	15.0	16.7	6.0	716.7	715.7	715.3	77	35	65	SE 0	NE 1	NE 0	2	3	0	.	
5	12.0	23.2	16.8	17.3	6.5	715.6	715.1	714.5	71	42	82	SE 0	W 1	SW 0	0	0	0	.	
6	14.1	25.1	18.0	19.1	8.1	716.5	715.2	715.1	74	44	73	SE 0	NW 0	W 0	1	5	0	.	
7	14.6	**25.4**	18.6	19.5	8.4	716.3	714.9	714.9	75	43	73	SSE 0	SW 1	W 0	0	0	0	.	
8	14.7	24.5	18.9	19.4	8.2	715.4	713.0	711.7	75	38	52	SW 0	W 1	SW 1	0	0	8	.	
9	16.2	14.4	12.0	14.2	2.9	710.1	709.1	704.5	68	78	96	SW 0	SW 1	SW 0	8	10●	10	3.1	● $10^{1}/_{2}$–$17^{1}/_{2}$, n ●°
10	10.1	6.5	3.9	6.8	−4.7	**703.5**	706.3	708.2	78	83	93	SW 2	W 3	SW 1	10●	10●	10●	5.5	☄ 1–p, ● 1–$15^{5}/_{4}$, 20–4
11	5.0	10.2	8.6	7.9	−3.7	708.8	707.1	706.4	72	39	51	W 1	SW 3	SW 2	8	2	4	.	☄ a–n
12	7.5	12.4	**8.5**	7.8	−3.9	705.4	705.3	711.4	77	51	97	SW 0	SW 2	SW 0	9	10	1	7.4	☄ II, ● 15–18
13	4.4	13.5	10.9	9.6	−2.3	711.8	709.8	709.7	75	42	69	S 0	W 2	SW 1	1	3	1	.	⌴ I, ☄ II
14	11.3	12.5	7.7	10.5	−1.5	708.3	708.2	708.2	65	62	97	W 1	W 2	W 0	10	10	10●	9.3	● $10^{1}/_{2}$–4, ☄ II
15	6.1	12.1	9.0	9.1	−3.0	712.1	710.5	709.2	84	53	87	S 0	NE 1	N 0	8	5	0	.	
16	9.0	8.4	5.0	7.5	−4.7	707.3	709.8	713.0	79	84	95	S 0	SW 2	WSW 0	1	10●	1	5.9	●° 10–$10^{1}/_{2}$, ● ☄ 12–$17^{1}/_{4}$
17	7.3	12.1	9.0	9.5	−2.9	713.4	711.9	711.7	76	45	57	S 0	SW 2	SW 1	7	7	5	2.8	☄ II, ● $22^{1}/_{2}$
18	4.7	10.1	7.1	7.3	−5.2	714.2	713.0	713.3	80	40	61	E 0	NW 1	N 0	7	5	10	.	
19	6.0	11.2	6.7	8.0	−4.6	712.6	712.4	713.3	75	43	90	SE 0	NW 0	NNE 0	9	10	2	.	
20	6.0	15.3	10.0	10.4	−2.3	713.3	712.7	712.9	83	42	81	NW 0	SW 1	W 0	0	5	1	.	●° $17^{1}/_{2}$–$17^{3}/_{4}$
21	10.0	18.2	13.2	13.8	0.9	713.9	713.2	714.1	76	**34**	65	SW 0	W 2	W 0	7	5	10	0.6	☄ II
22	9.6	15.9	13.0	12.8	−0.2	715.7	715.2	715.9	93	51	73	S 0	W 1	N 0	10	8	8	.	●° 4–5
23	10.5	19.3	16.1	15.3	2.2	715.1	713.3	713.3	81	52	70	SE 0	SE 0	NW 0	0	1	10	1.2	
24	13.1	17.8	12.7	14.5	1.3	713.3	712.5	712.5	91	64	98	SE 0	SW 1	SW 0	8	9	10●	16.9	● 4, 10–$13^{5}/_{4}$, $18^{1}/_{4}$–24
25	11.8	13.2	11.4	12.1	−1.2	709.6	708.3	707.3	100	90	100	N 0	NW 0	N 0	10●	10●	10●	**38.9**	●² 5–n
26	10.0	8.7	7.4	9.0	−4.5	706.0	707.3	709.5	100	84	94	N 0	W 0	SW 0	10	10●	10	10.7	● n–$18^{1}/_{4}$, ●° $18^{3}/_{4}$–20
27	8.2	13.7	9.2	10.4	−3.2	711.5	711.4	711.1	89	59	90	SW 0	NE 0	SW 1	9	7	10	3.4	☰ n–7, ● $17^{3}/_{4}$–$18^{3}/_{4}$
28	7.0	6.5	7.2	6.9	−6.8	710.6	712.7	714.0	92	92	89	SW 1	SW 0	SE 0	10	10●	9	5.8	● 1–$2^{1}/_{2}$, $10^{1}/_{2}$–14, ●°–16
29	8.2	15.3	11.4	11.6	−2.2	714.3	712.9	711.6	81	55	86	SE 0	N 1	E 0	7	10	10●	23.6	●² 21–n
30	6.7	12.6	11.5	10.3	−3.7	709.9	711.0	711.7	100	74	90	SE 1	SE 1	N 0	10●	7	9	6.8	☄ 2–4, ●² n–I, ● $11^{1}/_{4}$
31	9.9	18.7	13.2	13.9	−0.2	711.7	711.2	711.5	87	64	90	NE 0	NE 0	W 1	3	1	10●	2.5	⏢ I, ● ◺ 21–$21^{3}/_{4}$, ●°–4, [☄ 21–$4^{1}/_{2}$
																		Summe	
Mittel	9.7	15.6	11.3	12.2	—	712.5	711.9	712.2	81	55	81				5.4	5.7	5.5	154.4	

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$,
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

Mai 1923.
Observatorium.

1	8.6	20.4	13.0	14.0	2.2	**727.1**	726.6	726.4	88	57	81	SE 1	S 1	N 1	0	0	0	.	
2	10.2	22.2	15.2	15.9	4.0	726.9	725.4	723.9	88	54	67	NW 1	SW 1	NW 0	0	1	1	.	⏢ I
3	12.0	23.5	17.8	17.8	5.8	723.7	722.4	723.6	86	46	55	SE 1	SW 1	N 2	1	5	1	.	☄ $15^{1}/_{2}$–n, ◺ 21
4	12.9	23.6	18.2	18.2	6.0	724.2	723.4	722.8	79	**39**	46	NE 1	E 1	NE 2	0	2	0	.	
5	12.4	23.6	16.8	17.6	5.3	723.4	722.7	722.0	81	45	68	NE 1	S 1	N 0	0	1	0	.	
6	13.6	25.7	17.7	19.0	6.6	724.2	722.9	722.7	86	42	67	SE 0	SE 1	N 1	6	5	0	.	☰° II
7	14.4	**26.7**	18.0	19.7	7.1	723.7	722.5	722.7	87	40	60	SE 1	SW 1	N 0	0	2	0	.	p ☄
8	14.9	25.0	18.5	19.5	6.8	723.1	720.6	719.3	76	40	56	SW 1	SW 1	NW 1	2	4	2	.	
9	16.9	13.4	12.1	14.1	1.3	717.4	716.7	**711.4**	62	93	98	SW 1	W 1	NE 1	8	10●	10	7.6	● 11–n
10	10.3	7.8	6.3	8.1	−4.9	**711.4**	714.5	715.8	78	67	73	W 2	SW 1	NW 1	10●	10●	7	2.2	●°, n ●
11	**4.9**	11.4	10.5	8.9	−4.2	716.7	715.1	714.2	86	46	52	W 2	SW 3	SW 2	9	6	9	.	☄ n–II
12	9.1	7.1	5.0	7.1	−6.2	712.8	714.2	719.3	64	86	75	W 2	NW 3	NW 1	10	10●	2	3.4	☄ n–p, ● $12^{1}/_{2}$–17
13	5.1	15.1	11.2	10.5	−2.9	719.3	717.9	717.4	86	45	69	SE 1	SW 2	W 2	5	5	10	.	☰° I, p ☄
14	10.9	13.4	7.7	10.7	−2.8	715.8	715.9	716.1	75	67	97	SW 2	SW 2	NW 1	10	10	10●	14.6	☄ ●° n–II, ● 15–n
15	6.4	14.5	7.6	9.5	−4.2	719.8	718.5	717.1	85	54	81	E 1	S 1	N 1	6	3	0	.	
16	8.4	6.7	6.2	7.1	−6.7	714.9	718.2	721.1	86	85	84	E 1	NW 3	NW 1	8	10●	9	6.9	☄ II, ● 10–17, n ●°
17	8.1	13.2	10.0	10.4	−3.5	721.3	720.0	719.5	74	47	70	W 1	SW 2	W 2	6	7	7	0.2	p ☄, ●° 22, n
18	6.4	14.4	7.7	9.5	−4.5	721.9	721.0	720.9	60	43	47	E 1	S 1	NW 3	0	2	5	.	☄ 17–n
19	7.4	11.3	6.9	8.5	−5.7	720.7	719.7	720.4	72	63	85	SE 1	SW 1	N 1	9	10	5	0.6	●° $11^{3}/_{4}$, 14–17
20	5.2	15.0	11.2	10.5	−3.8	720.6	719.8	720.2	97	49	78	NE 0	SW 1	N 0	10≡	7	8	.	☰² n–$9^{3}/_{4}$
21	9.7	14.3	14.1	12.7	−1.7	720.9	720.4	721.0	86	76	54	N 1	NW 1	NW 2	8	8●	8	2.1	●° $7^{1}/_{4}$, ● $11^{3}/_{4}$–$16^{1}/_{2}$, ▲° [$15^{5}/_{4}$
22	12.2	17.2	13.3	14.2	−0.4	722.6	722.2	722.8	64	54	68	NW 1	SW 1	N 1	7	9	8	.	
23	11.1	21.8	17.5	16.8	2.1	722.2	720.4	720.1	82	49	45	NE 1	SW 1	NW 2	0	3	5	0.4	☄ 18–n, n ●°
24	13.8	16.2	12.8	14.3	−0.5	720.1	719.2	719.4	89	86	98	NE 0	NW 1	NW 1	9	9	10	18.9	●, n ●
25	12.2	13.8	12.1	12.7	−2.3	716.4	715.0	714.4	98	93	98	E 0	S 0	NW 0	10●	10●	10●	23.4	●, n ●
26	9.5	10.2	7.3	9.0	−6.1	712.9	715.0	716.8	88	87	91	NW 1	NW 1	NW 1	10●	10	10	7.7	●
27	8.5	13.9	7.8	10.1	−5.1	718.5	718.5	718.4	91	60	83	NE 1	SE 1	N 3	8	9	10	12.5	● 16–n, ☄ III
28	7.5	7.2	6.9	7.2	−8.1	717.7	720.0	721.1	95	90	95	W 1	SW 1	N 1	10●	10	9	7.7	a ●, ●°–16
29	9.0	16.7	11.3	12.3	−3.2	721.3	719.8	718.3	89	49	92	E 1	E 1	N 1	6	10	10●	**31.0**	●² $20^{1}/_{2}$–n
30	9.0	14.6	10.7	11.4	−4.2	716.7	718.1	718.5	100	69	90	NW 1	SW 1	N 1	10	8	3	1.2	● n–10
31	9.8	20.0	14.0	14.6	−1.1	719.1	718.2	718.8	94	68	90	NE 1	SW 1	N 2	8≡	6	10●	9.1	☰² n–$9^{1}/_{2}$, ☰°–II, ● ☄ 20–n
																		Summe	
Mittel	10.0	16.1	11.8	12.6	—	719.9	719.5	719.6	83	61	75				6.0	6.5	5.8	149.5	

Mai 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\,‰$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	7.9	17.7	14.7	13.4	2.2	729.7	728.7	**729.8**	85	46	51	S o	NWo-1	NE o	o	o	o	.	
2	11.3	20.3	15.2	15.6	4.2	729.3	728.6	727.1	56	39	44	E o	NW 1	E o	o	o	o	.	
3	12.6	22.4	15.0	16.7	5.2	726.2	724.4	726.2	78	39	75	SW o	NEo-1	NW o	6	6	10	.	
4	13.2	21.1	12.8	15.7	4.1	727.0	726.2	726.5	85	40	76	S o	N 1	NE o	4	5	o	.	
5	11.3	21.0	18.7	17.0	5.3	725.6	725.2	725.1	83	40	37	NE o	W o	E o-1	o	o	o	.	
6	16.6	22.8	18.0	19.1	7.2	726.2	725.1	725.7	55	40	36	NW o	NW o	E o-1	3	o	o	.	
7	15.1	**25.1**	17.0	19.1	7.1	726.1	725.0	725.7	69	40	57	SW o	NWo-1	NE o	o	o	o	.	
8	14.8	23.0	18.8	18.9	6.8	725.5	722.0	721.8	74	50	54	S o	N 1	NW o	o	o	7	.	
9	16.2	18.2	13.5	16.0	3.8	720.2	717.8	714.7	70	56	98	S o	NW 1-2	NW o	10	10	10●	8.6	● 16–n
10	12.7	10.9	7.5	10.4	−1.9	**714.0**	714.4	717.9	73	69	73	NWo-1	NW 2-3	NE o	10	10	3	5.9	⸗ II, p ●
11	7.8	10.9	7.2	8.6	−3.9	718.9	714.4	717.4	51	69	80	SW o	NW 2-3	NE o	8	10	o	.	⸗ II
12	13.9	17.3	**5.3**	12.2	−0.4	714.5	714.7	722.2	**28**	**28**	90	S 3-4	SE 1–2	NE o	3	10	4	4.4	⸗ n–l, ● 16–p
13	6.1	13.5	11.4	10.3	−2.4	721.9	719.9	720.2	80	36	67	W o	NWo-1	NW o	o	1	8	.	
14	9.9	14.1	9.0	11.0	−1.8	718.1	718.4	718.7	74	58	93	NW o	NW o	NWo-1	8	10●	10●	13.0	p ●
15	6.6	13.4	9.4	9.8	−3.1	723.0	720.7	720.0	87	47	79	W o	NW 2	NE o	7	4	3	.	⸗ II
16	8.6	14.0	7.0	9.9	−3.1	717.4	718.0	723.7	90	48	98	N o	NW 2	NW o	1	10	10	5.3	⸗ 8–II, p ●
17	7.0	13.4	8.9	9.8	−3.4	724.1	722.2	721.7	97	40	86	S o	N 1	NW o	2	4	8	2.7	n (17/18) ●
18	6.8	10.9	9.0	8.9	−4.4	724.6	722.8	723.5	78	40	40	NE o	NW 1	NW o	8	4	8	.	
19	8.0	11.4	8.3	9.2	−4.2	722.7	721.9	723.6	61	40	79	S o	N 2	NW o	4	9	10●	.	⸗ II, ●° III
20	8.1	13.6	10.8	10.8	−2.7	722.7	722.1	723.3	75	48	79	S o	NW o	NW o	2	10	10	0.5	p ●°
21	13.1	17.9	12.5	14.5	0.9	723.0	722.2	724.1	56	36	76	S o	NW o	SE o	5	7	9	0.5	p ●°
22	11.2	16.3	13.5	13.7	0.0	725.1	725.2	725.7	87	50	77	N o-1	NW 1	NW o	10●	5	10	.	●° l
23	11.6	19.6	14.8	15.3	1.5	724.5	722.1	723.1	80	46	96	S o	W o	NW o	o	o	10	1.0	● 20¼
24	14.5	17.1	17.5	16.4	2.5	722.5	722.4	722.5	83	55	97	NW o	NW 2	NW o	9	10●	10	**22.5**	●, ⸗ II, ●² 17–20
25	12.9	17.3	13.8	14.7	0.7	718.9	717.0	716.3	95	53	79	E o	W o	W o	10	10	10	4.5	n (25/26) ●
26	12.9	10.3	9.7	11.0	−3.2	714.4	718.1	719.4	85	80	94	N o	N 1	NW o	10	10●	10●	1.7	p ●
27	10.0	14.7	15.3	13.3	−1.0	721.1	721.1	719.3	94	48	39	NE o	NW o	S o-1	10●	7	6	0.9	●° l
28	11.3	9.7	6.5	9.2	−5.2	719.1	722.0	724.6	70	94	96	N o	NW o	SE o	7	10●	10	17.3	● 10½–20¼
29	9.3	16.1	12.0	12.5	−2.0	724.1	722.7	720.9	78	45	95	NE o	N 1	N o	7	6	10●	18.8	● 19–n
30	10.9	12.1	12.0	11.7	−2.9	718.4	720.7	721.8	93	81	89	NE o	SE 1	NE o	10●	10●	10	22.4	●² n–20
31	11.3	16.8	15.9	14.7	0.0	720.6	720.9	719.3	93	57	83	NE o	NW o	NE o	2	7	8	1.5	n (31/1) ●
																		Summe	
Mittel	11.1	16.2	12.3	13.2	—	722.2	721.5	722.3	76	50	75				5.0	6.0	6.6	131.5	

Mai 1923.
Observatorium

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,‰$.

1	10.0	18.4	13.2	13.0	1.9	**734.6**	733.8	733.5	82	53	77	SE o	NNE 1	NNE 1	o	o	o	.	
2	11.0	17.5	15.6	14.6	3.4	734.2	732.3	731.0	83	59	73	SSW o	NNE 1	NNE o	o	o	o	.	
3	13.7	19.6	18.2	16.2	4.9	730.5	729.4	730.1	74	58	55	SSW o	NNW 1	NNE 1	o	2	o	.	◐ 12¼
4	14.2	19.5	15.8	16.3	4.8	730.7	729.5	729.4	73	48	66	SW o	NNE 1	NNE 1	o	o	o	.	
5	14.0	19.8	20.3	17.1	5.5	730.6	729.7	729.5	74	50	52	SW o	NNE 1	SW 1	o	o	o	.	
6	16.2	23.8	20.9	20.8	9.0	731.3	729.5	730.3	64	47	50	SW o	NNE o	SW 1	o	1	o	.	
7	16.8	**27.4**	20.0	21.0	9.1	731.0	729.9	730.2	70	**30**	54	NNE o	SW 1	SW 1	o	o	o	.	
8	16.4	26.2	19.6	20.4	8.3	730.3	727.9	727.3	59	**30**	47	NNE 1	SW 2	SW 2	9	1	1	.	p ⸗
9	17.7	15.4	13.3	15.8	3.6	725.0	724.0	**719.2**	56	87	87	SW o	SE o	NW 1	10	10●	2	5.7	p n ●
10	11.0	8.2	6.5	9.6	−2.8	719.6	723.2	724.3	83	70	66	SW 2	SSW 1	SW 1	10	9	10	2.2	⸗ l, ●
11	6.4	12.0	11.3	9.4	−3.1	724.8	723.0	722.5	70	43	54	SE o	SSW 1	SSW 1	1	1	5	.	
12	10.0	11.2	6.0	9.4	−3.2	721.0	722.0	727.1	62	65	80	SW 1	SW 2	SW 1	9	10●	o	2.1	⸗ II, ●
13	**5.8**	15.4	13.9	10.2	−2.6	727.3	725.9	725.5	73	38	47	SW o	SW 2	SW 1	o	6	4	0.1	⸗ l, ⸗ II
14	11.8	14.0	8.7	11.7	−1.2	724.2	723.6	723.9	71	67	94	SW 1	SSW 1	SW o	10●	10	10●	16.1	●, n ●
15	7.6	11.8	9.8	9.5	−3.6	726.8	725.7	723.5	77	52	76	NW o	NNW 1	NNE 1	3	1	o	.	
16	13.8	8.4	6.8	8.9	−4.3	722.6	727.6	729.2	52	81	85	SW 2	SSW 1	NNW 1	10	10●	o	8.0	⸗ l, ● 10½–15¾
17	9.0	14.0	10.6	10.3	−3.1	729.2	728.1	727.9	71	40	66	SSW 1	SW 1	SW 1	1	2	5	.	
18	7.6	11.2	7.8	9.0	−4.5	728.9	728.1	728.2	72	48	64	NNE 1	NNE 2	NW 1	1	1	3	.	⸗ II
19	8.0	14.0	9.7	9.7	−3.9	728.1	727.0	727.2	67	40	65	SSW o	NNW 1	NW o	8	6	o	.	
20	7.2	15.0	11.8	10.1	−3.7	728.1	727.0	727.4	77	52	65	S 1	NNW 1	NNE 1	7	4	o	.	
21	12.4	20.0	15.8	15.2	1.3	728.4	727.9	728.4	68	35	62	SE o	SW 2	SW o	9	1	1	0.1	⸗ II
22	13.8	20.2	14.6	16.0	2.0	730.0	729.2	729.9	73	45	64	SW o	SW 2	NNE 1	8	2	8	.	⸗ II
23	13.7	21.8	17.6	16.6	2.4	729.5	727.5	727.5	70	46	64	SSW 1	SSW 1	SSW 1	o	o	1	.	
24	16.2	22.4	14.2	17.0	2.7	727.1	726.0	727.1	69	47	94	NNE o	SSW 1	NW 1	8	9	10	6.0	p n ●
25	13.4	14.0	12.6	13.4	−1.0	723.7	722.1	721.5	95	93	95	NNE 1	NE o	NNE o	10	10●	10●	**28.9**	●² 8–n
26	10.4	12.0	9.9	10.9	−3.7	721.0	722.2	724.1	88	80	75	W o	SSW o	SSW o	10●	10	8	3.0	●
27	18.6	16.2	9.3	10.6	−4.1	725.8	725.0	726.4	92	55	82	W o	SW 1	SW o	6	8	10●	21.0	◐ II, ●² 19–n
28	**5.8**	10.8	8.9	8.6	−6.2	725.5	727.4	728.4	94	73	85	W o	SW 1	SW 1	10●	9	8	4.2	● l–11¼
29	8.8	14.8	11.1	11.2	−3.8	728.6	727.0	725.7	86	60	87	W o	NNW 1	SW o	9	9	10●	24.5	◐ 9–13, ●² 21–n
30	10.2	14.4	12.0	12.1	−3.0	724.5	725.0	725.3	95	67	81	E o	NNE 1	SW o	10●	1	o	0.1	a ●°
31	12.7	17.6	13.6	13.9	−1.3	726.2	725.2	726.8	80	60	95	SSW 1	N 1	NW 1	8	8	10●	12.7	☾ 17½, ●–n
																		Summe	
Mittel	11.4	16.4	12.9	13.2	—	727.4	726.8	727.0	75	55	71				5.1	4.5	4.1	134.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

Mai 1923.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	9.0	21.4	12.8	14.4	3.7	**726.5**	725.9	725.9	87	45	80	NW 0	NW 0	NE 0	0	0	0	.	
2	9.7	25.5	14.6	16.6	5.8	726.1	724.6	723.2	88	38	80	E 0	S 1	NW 0	0	0	0	.	≡° n–8½
3	12.6	24.8	15.6	17.7	6.8	723.0	721.8	722.8	81	40	76	E 0	NW 1	E 0	3	4	3	.	◺ 20½
4	12.0	22.4	14.0	16.1	5.0	723.9	723.1	722.9	85	36	73	N 0	NE 1	NE 0	1	2	0	.	
5	11.8	25.3	17.3	18.1	6.9	722.5	722.2	721.4	77	37	70	NE 0	SW 1	SW 1	1	0	0	.	
6	16.1	27.5	17.4	20.3	9.0	723.0	723.3	722.0	70	37	75	SE 1	SW 1	SW 0	4	2	0	.	
7	15.4	**28.5**	17.3	20.4	8.9	722.6	721.7	721.9	73	39	68	E 1	SW 1	NW 0	1	2	0	.	
8	16.0	28.2	19.7	21.3	9.7	722.3	719.1	718.5	80	**34**	56	SE 0	W 1	NW 1	0	1	9	.	
9	17.6	15.9	12.5	15.3	3.5	717.0	715.8	711.2	68	82	98	SW 0	NW 1	E 1	5	10	10●	9.2	● 11½–1 . [19½–20¼
10	11.4	9.0	5.4	8.6	−3.3	**709.4**	712.1	715.4	69	74	82	W 3	NW 1	SW 2	9	10	10	1.7	↙, ● 11½–12¼, 15–17,
11	5.4	11.6	10.6	9.2	−2.8	716.1	714.4	713.9	75	44	45	SW 1	SW 2	SW 2	8	5	9	.	p ↙
12	10.2	11.7	5.4	9.1	−3.1	713.0	712.6	719.0	63	60	68	S 0	NW 2	SW 1	9	10	4	6.8	↙ II, ● 13¾–19
13	5.0	14.3	12.4	10.6	−1.7	718.8	717.3	716.8	83	48	47	S 1	NW 1	SW 2	1	4	5	.	↙ III–n
14	12.0	13.8	7.1	10.7	−1.8	715.1	715.5	716.1	62	64	98	SW 2	SW 2	NW 1	8	10●	10●	10.4	↙ n–II, ● 12¼–14¼,
15	5.7	14.6	8.9	9.7	−2.9	720.0	718.4	716.8	55	50	80	SW 0	E 1	NE 0	3	3	0	0.1	● n–4 [17¾–n
16	7.4	10.0	6.8	8.1	−4.6	715.1	715.9	720.1	88	85	76	E 0	NW 3	SW 1	3	10●	2	3.2	↙ II, ● 12¼–18
17	8.6	13.8	10.3	10.9	−2.0	720.8	719.3	718.5	72	48	52	SW 1	W 1	W 1	8	9	8	4.2	● 23–4
18	**3.6**	11.6	6.0	7.1	−5.9	721.8	720.6	720.6	84	42	66	NW 1	W 1	NW 1	3	3	3	.	
19	7.2	12.8	5.9	8.6	−4.6	720.0	719.1	720.6	67	46	95	N 0	NW 1	SW 1	8	10	4	0.2	●☽ 14¼–14½, 15¼–15½
20	6.9	18.5	10.6	12.0	−1.3	720.1	719.3	719.6	87	37	75	NE 0	NW 1	NE 0	1	4	8	.	●° 14½
21	11.0	18.8	11.4	13.7	0.2	720.2	719.6	721.0	80	46	95	E 0	NW 1	SW 0	8	7	10	0.5	
22	10.2	17.3	13.0	13.5	−0.1	722.0	721.7	722.5	84	53	68	NW 1	SW 1	NW 0	10	7	9	.	●° 7–8
23	11.2	21.4	15.0	15.9	2.2	721.6	719.9	720.1	84	45	75	NW 0	NW 1	NW 0	1	3	9	0.2	
24	14.2	19.2	13.0	15.5	1.6	719.7	719.3	719.1	83	57	98	E 0	W 1	NE 0	10	6	10	**17.1**	●° 6–7, ● 8–8½, *)
25	12.8	16.4	11.6	13.6	−0.4	716.3	714.7	714.0	91	75	96	SE 0	NW 1	NW 1	10●	9	10	0.8	● 0–7, ●☽ 10¼–11, *)
26	11.1	11.2	8.6	10.3	−3.8	712.0	713.9	716.2	97	81	95	NW 1	NW 1	W 1	10●	10	10●	8.2	●° 0¼–5, ● 7¾–13,
27	8.8	15.7	9.6	11.4	−2.9	718.0	718.4	717.2	85	53	86	E 0	NW 1	E 1	5	8	8	.	[15–0½
28	9.9	8.7	7.5	8.7	−5.7	716.9	718.7	721.0	79	94	92	NW 1	W 1	E 1	10	10●	7	3.1	● 12¾–16½
29	8.6	17.6	14.0	13.4	−1.1	721.3	719.9	717.5	85	74	74	E 0	NE 2	NE 2	5	10	10	9.1	⊕ 11½, 16, p ↙, ● 22¼–n
30	10.6	10.1	9.8	10.2	−4.4	715.3	717.7	718.7	98	91	97	W 1	SW 1	NE 1	10●	10●	3	11.7	● n–14½
31	9.9	20.4	16.4	15.6	0.9	718.3	718.1	717.1	91	58	81	S 0	NE 1	NE 1	2	6	9	7.1	p ⊕, n ●
																		Summe	
Mittel	10.4	17.4	11.6	13.1	—	719.3	718.8	719.1	80	55	78				5.1	5.8	5.8	93.6	

*) **24.** $10^{5}/_{4}$–$12^{1}/_{2}$, $18^{1}/_{4}$–19, ◺² ●² ↙ $15^{3}/_{4}$–$16^{1}/_{2}$ *) **25.** $16^{1}/_{4}$–$22^{1}/_{4}$

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

Mai 1923.
Beobachter: Frau *Küttel-Steffen* u. *F. Schreiber*.

1	5.2	10 2	7.3	7.6	5.6	620.6	621.9	**622.5**	27	98	40	NW 1	SW 0	SW 0	10	0	0	.	
2	9.0	12.3	10.0	10.4	8.2	622.1	622.1	621.4	**11**	20	23	NW 0	SW 0	SW 0	0	0	0	.	
3	8.6	11.2	7.1	9.0	6.7	619.7	619.6	619.8	21	39	54	NW 1	NW 0	NW 0	3	3	0	.	
4	6.0	8.9	7.4	7.4	5.0	619.4	619.9	619.7	74	56	25	W 0	E 1	W 1	3	5	0	.	
5	8.7	13.2	10.2	10.7	8.2	619.1	620.4	620.3	18	30	21	S 1	NW 0	S 0	0	0	0	.	
6	11.3	**15.4**	12.3	13.0	10.3	620.4	620.9	620.9	25	18	17	NW 0	S 0	SW 0	3	0	0	.	
7	11.6	15.2	13.3	13.4	10.6	620.6	620.8	620.9	21	26	14	SE 2	W 0	W 1	0	0	3	.	
8	11.0	14.7	12.1	12.6	9.7	620.2	618.9	617.9	30	32	29	S 0	S 0	SW 0	0	0	5	.	
9	9.8	10.3	6.0	8.7	5.7	615.0	613.1	609.5	32	60	68	W 2	W 3	W 0	7	10	10●	21.2	↙ II, p ≡°, ● III–n
10	2.2	2.1	−3.3	0.3	−2.8	**605.8**	606.5	608.7	99	98	98	W 4	W 4	W 3	10●≡	10*≡	10	9.1	≡ ↙, a ●, ✳ II, ≡° III
11	**−5.3**	−1.4	−1.0	−2.6	−5.9	608.9	609.0	609.4	98	98	72	W 2	W 1	W 1	10≡	3	10	.	≡ I
12	2.0	3.1	−0.4	1.6	−1.8	608.1	608.3	610.0	27	55	44	S 3	W 1	W 3	3	10	3	**21.3**	↙ I, III, n ✳
13	−2.2	3.9	2.0	1.2	−2.3	612.2	612.1	612.4	38	54	69	W 0	W 1	W 1	10	3	3	.	
14	4.0	3.0	−0.4	2.2	−1.4	611.2	611.6	612.1	31	90	93	S 0	W 2	W 1	10	10	10*≡	**21.3**	≡° II, p n ✳ ≡
15	−1.2	2.2	2.3	1.1	−2.6	612.5	612.6	612.5	95	97	68	W 0	S 1	W 0	10	5	0	.	
16	6.0	2.8	−1.8	2.3	−1.6	611.6	611.5	613.6	25	98	98	S 1	W 2	NW 1	3	10●≡	7	12.4	p ● ≡, ✣ ✳ 14
17	−1.2	1.4	1.0	0.4	−3.6	613.9	614.1	613.4	95	60	72	NW 1	W 0	NW 0	10	10	7	17.4	≡° I, n ✳ ✣²
18	−3.2	0.6	0.2	−0.8	−4.9	613.4	613.9	613.8	72	45	58	N 0	N 0	NW 1	0	0	5	.	
19	−2.4	1.6	−1.2	−0.7	−4.9	613.1	613.4	614.1	47	48	92	SE 0	SW 0	N 0	3	10	10≡	1.8	≡ III, n ✳
20	1.2	4.4	2.4	2.7	−1.6	614.5	614.6	614.9	28	58	54	W 0	S 0	SW 0	0	10	5	.	≡° II
21	4.6	7.6	4.2	5.5	1.0	615.9	616.8	617.0	37	50	60	W 0	W 0	W 0	3	7	10●	4.4	p ●
22	1.8	4.8	4.2	3.6	−1.0	617.4	617.6	617.6	100	70	95	W 1	NW 1	NW 0	10≡	10	10	0.6	≡ ●° I, ≡°
23	5.2	6.2	8.0	6.5	1.8	617.3	617.7	616.9	44	54	62	SW 0	SW 1	W 0	0	0	5	.	
24	5.5	9.4	4.8	6.6	1.8	616.3	616.3	615.7	60	47	78	NW 1	NW 0	NW 1	10	10	10●	20.6	p ●
25	7.0	8.8	5.4	7.1	2.2	612.5	611.9	610.6	50	62	92	W 0	W 0	E 0	10	10	10	2.4	p ≡°, n ●
26	4.0	1.6	0.0	1.9	−3.2	608.6	609.3	610.5	96	100	100	E 0	NE 1	W 0	10≡	10≡	10*≡	17.7	≡, p ✳
27	0.0	5.2	3.4	2.9	−2.3	612.4	613.0	613.9	92	70	50	W 0	E 0	S 2	10	10	5	.	≡° II
28	3.8	0.6	−1.6	0.9	−4.4	611.9	612.5	614.8	62	98	98	SE 1	NW 1	NW 2	5	10*≡	7	7.2	p ✳ ≡
29	0.8	6.0	4.0	3.6	−1.8	615.4	616.0	615.6	76	68	99	W 0	N 0	NE 2	3	10	10≡	20.6	p ≡°, ≡ III–n, n ●
30	3.0	3.4	3.5	3.3	−2.2	612.0	613.3	615.1	97	80	94	W 1	SE 0	SE 0	10●≡	10●	10	19.4	≡ I, ●, ≡° III–n
31	8.2	10.6	10.2	9.7	4.0	614.9	615.3	614.9	30	30	35	SE 2	SE 3	SE 4	0	5	10	18.4	p ↙, n ●
																		Summe	
Mittel	4.0	6.4	4.3	4.9	—	614.7	615.0	615.2	53	62	64				5.4	6.2	6.0	234.2	

⊠: Angaben unsicher.

Mai 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1707.6^m$, $G = -0.12\,‰$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	1.4	13.7	2.8	6.0	2.7	628.4	628.5	**629.9**	83	41	72	SW 0	SW 1	N 0	0	0	0	.	⊏ l
2	2.6	16.5	4.5	7.9	4.5	629.7	628.1	628.0	72	**28**	65	SW 0	S 2	N 0	0	0	0	.	⊏ l
3	4.0	15.0	5.4	8.1	4.5	626.3	624.8	625.8	70	40	89	E 0	NE 2	W 1	5	6	2	1.5	⊏ l, ⋋ ● ☄ 19–19³/₄, n ●
4	5.0	12.4	4.5	7.3	3.5	625.3	625.4	626.3	90	43	70	S 0	W 1	W 0	6	8	0	.	
5	4.0	15.6	5.6	8.4	4.5	626.8	626.7	627.3	80	42	76	S 0	S 2	E 0	0	0	0	.	
6	5.8	17.3	6.6	9.9	5.8	628.0	626.9	628.5	81	31	72	S 0	N 0	S 1	4	1	0	.	
7	6.4	17.9	7.6	10.6	6.3	628.5	627.4	628.0	79	41	74	SE 0	SW 1	SW 1	1	1	0	.	
8	6.3	**18.7**	7.4	10.8	6.4	627.0	624.8	624.4	87	32	65	SW 0	S 2	W 0	0	0	1	.	
9	9.1	14.7	9.1	11.0	6.4	621.2	619.0	616.3	71	56	80	E 0	SW 2	SW 1	6	10●	7	2.4	●° II–16, ●–17¹/₂ [✳²–n
10	8.6	3.9	**-1.9**	3.5	-1.3	**612.5**	613.2	614.4	52	81	98	S 3	SW 1	NE 1	7	10✳	10✳	**25.1**	☄ n–l, a ●°, ●12²/₃-13¹/₄, ⊠
11	1.1	2.8	1.6	1.8	-3.2	615.0	615.9	617.0	65	48	60	N 0	SW 0	NW 1	7	1	2	.	✳
12	1.9	7.9	2.3	4.0	-1.1	617.1	616.3	617.9	67	53	85	SW 0	SW 2	W 0	1	7	10✳	2.0	✳ 20³/₄–n ✳
13	2.2	10.0	4.5	5.6	0.3	618.7	618.6	619.6	80	46	74	N 1	S 2	SW 1	4	5	5	0.1	n (¹³/₁₄) ●° ✳
14	4.5	9.7	4.6	6.3	0.9	618.7	618.4	617.6	82	59	88	SW 0	SW 1	SW 1	9	9	8●	11.2	● 18¹/₂–III, ✳–n ✳
15	2.0	10.3	5.7	6.0	0.4	618.5	618.6	620.0	86	58	74	N 1	S 0	SW 0	9	3	4	0.1	✳ n–6, ●° 22¹/₄ ✳
16	7.0	12.1	5.2	8.1	2.3	619.8	618.6	619.3	73	43	72	SW 0	SW 2	SW 1	4	4	10●	3.7	● III–n
17	2.6	8.3	2.8	4.6	-1.3	620.0	618.7	618.9	78	50	68	NE 1	W 1	N 0	9	1	1	0.9	◁ III, n △°
18	0.5	4.0	0.6	1.7	-4.4	618.7	618.5	619.5	71	41	53	SW 1	W 1	N 1	9	8	2	.	✳° 18–III ✳
19	-0.1	5.5	2.4	2.6	-3.7	619.5	619.0	620.1	49	39	69	E 0	SW 0	W 0	1	9	10	2.0	n (¹⁹/₂₀) ✳
20	0.4	8.4	2.5	3.8	-2.6	611.1	621.0	621.9	96	56	73	N 0	SW 2	SW 0	10✳	8	1	.	✳° n–8, ☋ III ✳
21	3.2	10.5	4.8	6.2	-0.4	622.5	622.2	622.8	77	43	73	N 0	SW 1	SW 1	6	6	2	.	
22	6.1	13.6	7.1	8.9	2.2	623.0	622.5	623.8	70	40	75	E 0	SW 0	W 0	9	2	7	.	
23	7.6	13.7	7.1	9.5	2.6	624.0	623.1	623.5	77	51	72	S 0	SW 2	SW 0	1	5	1	.	
24	7.2	14.1	9.1	10.1	3.1	623.0	621.7	621.1	82	51	89	SW 0	SW 1	W 0	9	9	10●	0.1	●° 21–21³/₄
25	9.6	12.2	7.5	9.8	2.6	619.0	617.7	617.2	74	48	69	W 0	S 1	S 0	8	9	10	8.5	●° III
26	4.2	10.0	3.3	5.8	-1.5	615.6	615.4	617.0	88	62	91	W 0	SW 1	SW 1	10●	8	10●	11.4	● n–10¹/₄, 18–n
27	6.3	11.1	2.6	6.7	-0.8	618.9	620.0	621.5	79	51	89	E 0	SW 1	N 0	2	6	6	1.0	● 11–p
28	7.2	7.0	4.4	6.2	-1.4	619.9	619.6	621.2	54	80	94	E 0	W 0	SW 0	2	10●	9	6.4	a ☄, ● 10¹/₄–n
29	5.2	13.3	7.3	8.6	0.9	612.3	621.8	620.6	89	43	90	S 0	SW 1	SW 0	3	4	10	7.9	● 17–n
30	11.9	14.6	4.7	10.4	2.6	618.2	618.5	621.6	65	50	94	SW 2	S 1	NW 0	8●	8	1	2.3	● n–7³/₄, 8¹/₂–18¹/₂
31	6.5	15.7	9.4	10.5	2.5	621.4	622.0	622.5	90	47	62	S 0	SW 1	W 0	1	9	10	5.3	● 21³/₄–n
																		Summe	
Mittel	4.9	11.6	4.9	7.1	—	621.6	621.1	621.7	76	48	77				4.9	5.4	4.8	91.9	

Mai 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 541.8^m$, $G = 0.00\,‰$.

1	10.4	22.7	15.2	16.1	3.8	722.3	720.1	721.5	69	30	38	NE 0	NW 0	NE 0	0	0	0	.	
2	12.0	24.6	16.4	17.7	5.2	**723.5**	719.5	719.1	52	**25**	37	NE 0	SW 1	NE 0	0	0	0	.	
3	13.0	24.8	18.5	18.8	6.2	719.2	716.1	717.1	56	30	36	NE 0	SW 0–1	NE 0	2	2	5	.	
4	12.8	23.6	17.5	18.0	5.3	718.7	716.6	717.2	78	32	40	NE 0	SW 0	NE 0	3	1	0	.	
5	13.6	26.4	18.3	19.4	6.5	719.0	716.7	717.6	60	28	45	NE 0	N 0	NE 0	0	1	0	.	
6	15.0	26.8	19.6	20.5	7.5	719.8	717.4	718.3	67	29	38	NE 0	SW 0–1	NE 0	1	0	0	.	
7	16.2	**27.8**	19.4	21.1	8.0	719.1	716.6	717.8	57	33	48	NE 0	SW 0	NE 0	0	0	0	.	
8	16.4	26.8	19.6	20.9	7.6	718.5	714.9	714.3	65	33	40	NE 0	SW 0–1	NE 0	0	0	8	.	
9	15.4	16.6	13.2	15.1	1.7	713.3	710.9	706.5	86	85	100	N 0	SW 1	NW 0	10●	10●	10	2.7	●° 5–l, ● II–18
10	13.4	15.0	8.7	12.4	-1.1	**706.4**	706.1	710.5	52	38	36	SW 2–3	SW 3	SW 1	9	5	10	.	☄ n–II
11	7.5	14.6	8.8	10.3	-3.3	711.8	709.0	709.3	55	29	47	SW 1	SW 1	W 0	2	0	7	.	
12	10.1	17.7	7.7	11.8	-2.0	709.0	706.9	713.3	53	**25**	60	NE 0	SW 1–2	SW 0	2	9	10	.	☄ 15–19
13	6.6	17.0	12.6	12.1	-1.8	714.6	713.8	712.5	63	36	36	NE 0	SE 0–1	W 0	3	2	7	.	
14	9.4	15.5	10.7	11.9	-2.1	711.6	710.9	710.4	72	51	96	NW 0	NE 0	W 0	10	6	10	0.4	●° 11³/₄, n, ☄ 18–21
15	7.6	17.4	10.5	11.8	-2.3	713.8	711.6	712.2	66	32	55	W 0	SW 0–1	NW 0	5	3	0	.	
16	10.8	16.0	6.8	11.2	-3.1	711.6	710.3	716.0	71	42	92	NE 0	NW 2–3	NW 0	8	10	2	0.3	☄ II, ●° 15–20
17	7.6	16.4	10.9	11.6	-2.8	716.5	713.4	714.3	80	31	40	NE 0	SW 2	SW 2–3	2	3	5	.	p ☄
18	7.8	15.8	7.5	10.4	-4.1	715.1	713.5	715.5	52	26	45	W 1	SW 2	NE 0	6	2	3	.	☄ II
19	9.1	14.6	10.7	11.5	-3.1	715.2	713.3	714.1	52	31	38	NE 0	W 2	SW 2	4	10	9	.	p ☄
20	10.2	17.8	12.7	13.6	-1.2	715.1	713.4	714.9	55	36	46	NE 0	W 1	NE 0	5	8	9	.	
21	11.6	21.6	14.7	16.0	1.1	716.2	714.0	715.2	66	30	46	NE 0	NW 1–2	SW 0–1	4	2	2	.	
22	13.0	21.0	14.8	16.3	1.3	716.9	715.0	716.3	65	41	50	NE 0	SW 1–2	W 0	10	1	0	.	
23	13.3	22.5	18.0	17.9	2.8	717.0	714.1	714.2	70	40	47	NE 1	SW 1	NW 0	0	0	1	.	
24	14.2	21.4	14.3	16.6	1.3	714.7	713.0	713.8	79	45	93	NE 0	SW 0–1	W 0	9	8	10	0.6	●° 20–n
25	13.7	17.4	12.1	14.4	-1.0	711.3	709.2	708.8	78	55	100	NE 0	SW 0–1	W 0	10●	10	10●	10.8	● 16¹/₂–18, 19¹/₂–n
26	11.0	12.0	9.0	10.7	-4.8	707.2	708.3	711.1	98	70	81	W 0	W 0	W 0	10●	10	10	5.0	● l–12, 14¹/₂–19
27	9.4	19.2	11.1	13.2	-2.4	713.0	711.3	713.0	85	35	65	N 0	SW 0–1	W 0	10	5	10	.	
28	9.2	10.6	8.2	9.3	-6.4	712.1	713.5	715.9	78	75	98	SW 1–2	SW 1–2	NW 0	10	10	4	1.4	● 10–13, 15–20
29	7.8	17.2	11.5	12.2	-3.6	716.3	713.4	713.5	90	40	87	NE 0	SW 0–1	NW 0	6	9	10●	**42.5**	● 21–n
30	**6.4**	11.8	11.5	9.9	-6.1	712.7	713.3	713.4	93	59	83	NE 0	NE 0–1	NE 0	10●	8	4	7.8	⋋ 1, a ●
31	12.8	21.8	17.1	17.2	1.1	713.7	712.0	713.2	76	42	51	N 0	W 0	SW 1–2	1	4	10	.	
																		Summe	
Mittel	11.2	19.2	13.1	14.5	—	715.0	713.2	714.2	69	40	58				4.9	4.5	5.4	71.5	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03^{m}/_{m}$.

Lugano.

Mai 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	10.6	22.2	14.0	15.6	2.5	**745.8**	745.2	745 4	70	44	44	N	0	SE	0	N	0	0	0	0	.	
2	12.4	24.2	16 0	17.5	4.2	745.4	743.3	742 2	71	50	50	N	0	SE	0	N	0	0	0	0	.	
3	13.6	24.0	19.9	19.2	5.8	739.9	737.7	738.7	71	51	50	N	0	SE	0	N	0	8	1	2	.	
4	15.7	23.1	16.1	18.3	4.8	739.2	740.1	740.8	51	51	66	SSW	0	ESE	0	N	0	3	4	0	.	
5	14.2	23.6	17.6	18 5	4.8	742.8	742.0	742.3	71	55	65	N	0	SE	0	N	0	0	2	0	.	
6	15.4	25 2	17.8	19.5	5.7	743.2	741.9	742.8	76	46	71	N	0	SE	0	S	0	3	1	0	.	
7	16.2	**26 2**	17 6	20.0	6.1	743.4	742.2	742.3	74	43	46	N	0	SE	0	N	0	0	1	0	.	
8	16.6	25.7	18.6	20.3	6.2	741.4	739 4	738.3	73	45	71	N	0	E	0	N	0	0	1	2	.	
9	17.2	24.1	16.8	19.4	5.2	735.7	733 3	731.4	76	54	54	SW	0	SE	0	N	0	9	5	10	.	
10	13.8	16.8	11.6	14.1	−0.2	728.2	**727.7**	728.6	56	59	55	N	0	E	0	N	2	10	4	3	8.8	●, ↙ III–n
11	12.4	19.2	10.2	13 9	−0.6	732.2	732.0	734.2	32	32	56	N	2	SE	0	N	0	0	0	0	.	↙ I
12	10.0	17.0	10.2	12.4	−2.2	735.9	734.7	735.5	65	49	70	W	0	SE	0	N	0	8	6	10	2.4	● 17½–18¾, n ●
13	10.1	20.4	13.8	14.8	0.1	735.6	736.1	736.6	66	51	54	S	0	SE	0	N	0	3	4	9	6.4	n (13/14) ●
14	12.2	18.7	12.7	14.5	−0.4	735.9	734.9	733.9	81	48	85	SW	0	E	0	N	0	9	6	10●	25.1	● 15-18½, 20½-21½, n ●²
15	12.8	20.2	13.0	15.3	0.3	734.5	734 6	736.4	70	44	78	N	0	E	0	N	0	1	3	2	.	
16	13.4	19.2	14.2	15.6	0.5	737 4	736.2	734 9	67	43	56	N	0	SE	0	SE	0	6	9	10	.	
17	13.0	20.2	15.2	16.1	0.8	735.4	734.0	733.7	67	38	57	E	0	SE	0	N	0	0	0	0	10.4	↖ ● 22¼–24
18	12.2	19.4	14.2	15.3	−0.1	734.6	735.4	734 5	61	31	**30**	N	0	NE	1	NE	0	2	1	6	.	
19	**9.4**	14.8	15.8	13.3	−2.2	737.9	737.3	737.5	37	32	45	NNE	0	SE	0	N	0	1	5	10	.	
20	10.6	16.0	13.2	13 3	−2.4	742.9	739.8	738.7	77	70	60	NE	0	SE	0	NE	0	10	7	2	.	
21	12.6	18.8	16.2	15.9	0.1	740.5	739.4	739.0	57	47	62	N	0	S	0	N	0	1	4	2	.	
22	14.0	23.2	19.2	18.8	2.9	739.6	738.7	738.9	72	45	60	NE	0	S	0	N	0	1	1	4	.	
23	15.2	22.4	19 0	18.9	2.8	740.3	739.3	738.2	73	48	59	N	0	NE	0	W	0	6	5	3	.	
24	17.8	22.6	17.4	19.3	3.1	738.2	737.0	735.9	66	53	71	NW	0	E	0	SE	0	6	8	8	.	
25	17.6	20.6	15.2	17.8	1.5	734.5	732.8	732.2	62	50	87	W	0	NW	0	NW	0	6	6	8	16.4	●° III
26	13.0	18.4	11.5	14.3	−2.2	731.6	731.1	734.4	87	66	87	SW	0	NW	0	W	0	10	10	10	28.6	●² 2–III
27	12.8	12.2	12.2	12.4	−4.2	736.5	738.4	738.9	77	83	71	W	0	SE	0	N	0	10●	10	7	15.2	●, n ●
28	12.8	12.2	12.4	12.5	−4.2	737.7	736.5	737.0	69	85	90	N	0	SW	0	SW	0	10	10●	10●	43.7	●², n ●
29	14.2	21.8	13.0	16.3	−0.6	739.2	737.6	736.4	76	52	86	NNE	0	SE	0	SE	0	8	5	10●	20.5	p n ●
30	14.6	15.4	16.6	15.5	−1.5	732.5	733 5	735.9	85	83	76	SSE	0	SE	0	S	0	10	10	6	**67.5**	●² a, n
31	15.8	21.6	17.2	18.2	1.1	737.3	737.9	736.9	71	48	69	SW	0	SE	0	S	0	8	5	8	5.3	●° III, n ●
																					Summe	
Mittel	13 6	20.3	15.1	16.3	–	737 9	737.1	737.2	68	51	64							4.9	4.3	4.9	250.3	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13^{m}/_{m}$.

Basel.

Mai 1923.
Bernoullianum.

1	11.4	18.5	14.4	14.8	3.4	**745.1**	744.5	744.4	80	56	82	SE	1	NE	0	E	0	3	0	0	.	
2	12.0	24.0	17.2	17.7	6.2	744.5	742.5	741.3	74	42	78	SE	1	W	1	S	0	1	1	0	.	
3	14.0	22.8	16.4	17.7	6.1	741.4	740.6	741.5	76	41	70	SE	1	NW	1	SW	0	4	4	0	.	
4	12 6	22.4	16.6	17.2	5.4	742.6	741.5	741.2	81	40	70	E	1	N	1	E	1	1	4	0	.	
5	13.4	24.6	19.0	19 0	7.1	741.0	739.7	738.8	73	38	65	SE	1	E	1	SE	0	1	1	0	.	
6	15.2	26.4	20.0	20.5	8.5	740.9	739.6	739 8	78	41	76	SE	0	E	1	SE	1	0	5	0	.	
7	17.2	**26.8**	19.8	21.3	9.2	740.4	739.6	739.6	71	43	47	SE	1	NW	1	S	1	2	4	0	.	
8	15.2	25.2	19.8	20.1	7.8	740.4	737.9	736.3	69	**34**	69	SE	1	NW	1	W	1	4	3	4	.	
9	17.4	19.4	14.0	16.9	4.5	734.9	733.0	729.1	69	61	95	E	1	S	1	E	1	8	10	10	4.5	● 11¾–18¾, 22½–22¾
10	12 4	9 4	7.4	9.7	−2.8	**728.0**	731.8	733.7	62	64	67	SW	4	SW	3	S	1	10	10	2	0.3	↙ n–II, ●° 10, 10¾
11	6.8	13.2	11.4	10.5	−2.2	734.7	732.8	731.6	63	36	47	SW	2	W	2	S	1	8	6	5	.	↙ n–II
12	8.4	6.2	6.4	7.0	−5.8	730.7	732.8	736.9	71	85	82	E	1	NW	2	E	1	10	10●	1	4.0	●° 8¼, 10, ● ↙ 11–15¾
13	**5.0**	14.4	13.0	10.8	−2.1	737.6	735.5	734.7	84	39	58	E	1	W	3	SW	1	6	8	10	0.3	↙ II
14	11.4	11.4	8.5	10.4	−2.6	733.2	734.2	735.0	83	80	95	N	1	NW	1	W	1	10	10	10●	23.3	●° 5½, ● 9¾–10, ●²
15	7.2	13.2	10.8	10.4	−2.8	738.7	736.8	734.8	89	52	69	E	1	E	1	E	0	4	5	2	.	[13¾–2
16	12.2	9.0	8.6	9.9	−3 4	731.7	736.5	738.1	66	81	71	E	1	W	2	S	1	9	10●	10	2.2	●° 9-11, ● 11¾–15¾, ↙ II
17	10.0	14.2	8.8	11.0	−2.4	739.3	738.0	737.9	67	46	76	SW	1	W	2	W	2	5	5	10	1.2	●° 4½, p ↙, ● 22¼–23¾
18	6.0	11.2	8.2	8.5	−5.1	740.9	739.7	739.2	70	42	54	NW	1	NW	2	SW	1	3	5	3	0.1	↙ II
19	6.0	10.2	9.0	8.4	−5.3	739.0	738.3	739.0	79	68	84	E	1	W	1	SE	1	10●	10●	10	0.2	●° 7¼–7½, 10, II–13¾
20	9.5	15.1	13.1	12.6	−1.2	738.5	737.6	738.1	76	48	76	E	1	NW	1	S	0	0	10	10	.	●° 22
21	11 0	17.3	13.4	13.9	0.0	738.6	738.2	739.1	83	58	75	SE	1	NW	1	SW	0	10	8	9	.	
22	14.4	17.6	13.8	15.3	1.2	740.6	740.2	741.2	58	56	76	S	1	SW	2	SW	0	6	7	6	.	↙ II
23	12.6	20.2	16.8	16.5	2.3	740.2	738.3	738.0	75	48	67	E	1	NW	1	W	1	4	6	8	0.5	
24	12.8	16.6	12.7	14.0	−0.3	**738.1**	737.3	737.7	93	92	93	SE	1	SW	1	NW	1	10●	8	10●	5.6	● 6¾–9¾, II–13¾,
25	9.8	11.6	12.0	11.1	−3.4	735.2	733.7	732.4	97	95	98	NW	1	W	1	NW	1	10●	10●	10●	21.4	●² 5¼–n [21¼–23¾
26	9.8	10.2	8.6	9.5	−5.1	731.0	732.7	734.7	95	95	97	NW	1	NW	1	W	1	10●	10●	10●	10.0	● n–II, 16¼–19¾, ●° III
27	7.0	15.6	9.6	10.7	−4.0	736.8	736.5	737.0	91	57	97	E	1	S	1	W	1	4	7	10	7.0	● 18¾–20
28	8.8	7.9	9.4	8.7	−6.2	735.9	737.7	739.2	97	89	89	W	1	NW	1	E	1	10	10●	3	3.6	● 1½–2¾, 11¼–II, ●° 15
29	10.2	16.2	13.4	13.3	−1.7	739.9	738.5	736.8	80	58	80	E	1	N	1	W	1	5	8	10	23.0	●° 21¾–22, ●² 22¼–n
30	10.2	14.2	13.6	12.7	−2.4	734.7	735.6	736.8	97	74	84	W	1	W	1	W	1	10	10	7	3.5	● n–10½
31	10.4	18.8	16.2	15.1	−0.2	737.2	736.2	735.8	93	64	83	E	1	N	1	NW	1	10	5	10	**33.4**	↖ III, ↖ 22¾–23½, ●²
																					Summe	[22¾–3
Mittel	11.0	16.2	13.0	13.4	—	737.8	737.4	737.4	79	59	76							6.1	6.8	5.2	144.1	

Mai 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$.
$Hb = 2500.1^m$, $G = -0.10\,^m/_m$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	-2.0	1.8	1.6	0.5	3.4	568.7	570.3	**570 8**	42	53	100	SW 4	SW 4	WSW 3	0	0	0	.	↙ n-ll
2	3.6	5.8	3.2	4.2	6.9	570.4	**570.8**	569.7	**21**	36	90	WSW 3	SW 2	WSW 2	0	0	0	.	
3	3.0	3.2	1.2	2.5	5.1	567.7	567.6	567.6	99	95	100	WSW 3	WSW 1	NNW 1	10≡	10	10≡	1.5	≡ n-9½, ● ▲ 13¾, *)
4	0.1	5.0	1.6	2.2	4.7	567.3	568.1	568.3	100	79	40	NW 1	NW 0	NW 0	10≡	6	0	.	≡ n-11
5	5.8	6.5	5.0	5.8	8.1	567.9	569.0	569.0	27	75	81	NW 0	SW 2	SW 3	1	1	0	.	
6	5.4	9.4	7.0	7.3	9.5	569.6	570.2	570.5	69	97	45	WSW 2	SW 1	SSW 1	5	4	2	.	
7	**10.6**	10.3	5.8	8.9	11.0	570.0	570.2	569.8	44	60	70	S 1	SSW 1	SSW 1	2	2	0	.	
8	8.0	9.8	6.0	7.9	9.9	568.8	568.0	566.7	50	75	100	SW 2	WSW 1	SW 2	0	1	10	.	≤ lll
9	3.7	3.0	2.2	3.0	4.8	563.6	561.7	557.9	94	100	100	WSW 3	W 2	SSW 2	7	10≡	10≡	7.3	≡ 13-n, ✳ 16½, ● 11½-n
10	-1.8	-3.4	-8.1	-4.4	-2.7	**554.0**	554.7	554.9	100	100	100	W 2	W 2	W 3	10≡	10≡*	10≡*	**60.8**	△ 7, ≡ ✳² ⚵², p ↙
11	-10.2	-6.8	-5.9	**-7.6**	-6.0	554.5	555.8	556.9	100	100	93	WSW 4	SW 2	SW 3	10≡*	10	3	.	≡ ✳° ⚵ ↙ n-11½, *)
12	-4.5	-1.5	**-10.5**	-5.5	-4.1	556.1	556.4	558.2	70	70	99	SSW 3	S 3	W 5	4	9	1	8.4	≡ ✳ 16-20½, ⚵³ lll-n
13	-7.0	-1.2	-2.8	-3.7	-2.4	558.6	559.9	560.3	89	70	100	W 4	SW 2	W 3	2	3	7	.	↙ n-l, ≡ 16½, ↙ ✳°
14	0.2	1.5	-1.4	0.1	1.3	559.1	559.4	558.5	48	85	100	SSW 1	SSW 1	SW 0	8	10*	10≡*	26.9	✳³ ≡ ll-n [20¼
15	-5.0	-2.0	-2.0	-3.0	-1.9	559.6	560.3	560.7	100	100	70	W 2	SW 2	SW 1	6	0	0	.	≡◡ 16½, ⩙ lll
16	2.2	3.0	-7.3	-0.7	0.2	559.8	559.9	560.1	55	86	100	S 3	SW 2	W 4	5	10≡	10≡*	5.2	p n ≡, ↙ ✳ △ ⚵ 15½-n
17	-5.5	-1.2	-5.0	-3.9	-3.1	560.9	561.0	560.3	100	100	100	SW 1	SW 1	W 2	10≡	10≡	10≡	6.7	≡ 6½-n
18	-9.5	-6.5	-8.2	-8.1	-7.4	559.5	560.3	560.4	100	95	100	W 1	SW 1	SW 1	10≡	6	10≡	1.4	✳ n-6, a ≡, ✳ △ ≡ 16-n
19	-6.6	-3.4	-8.0	-6.0	-5.4	559.4	560.2	560 9	94	95	95	W 1	SW 1	SW 2	6	10≡*	10≡*	3.1	≡ 10½-n, ✳ 13-n
20	-4.0	-0.8	-2.4	-2.4	-2.0	561.4	562.4	562.9	95	92	100	SW 1	SW 2	SW 2	6	10≡	10≡*	2.0	⛤ ll, ≡ ✳-n
21	0.2	3.0	-1.6	0.5	0.8	563.2	563.9	564.0	66	70	100	SW 3	SSW 1	SW 2	8	9	10≡*	6.8	≡ 16½-n, ⛤ 17¼, ✳-n
22	-1.7	3.0	-0.3	0.3	0.4	564.0	564.9	565.8	100	93	100	WSW 2	SW 3	WSW 2	10≡*	10≡	10≡●	6.7	≡ ✳ ⚵ n-11¹ 2, ≡, ')
23	3.0	6.6	2.2	3.9	3.9	565.1	565.3	565.2	44	85	100	SSW 3	SSW 2	SSW 2	1	10≡	10≡*	2.0	≡ ll-n, ● △ 20½, n, ✳ lll
24	1.2	7.2	0.2	2.9	2.8	564.3	564.4	563.5	100	81	100	SW 2	SSW 2	WSW 3	10-	10≡	10≡*	10.2	≡, ↙ 10¹ 2, lll, ● *)
25	1.0	5.0	0.7	2.2	2.0	560.8	560.1	558.9	100	86	100	SSW 3	S 2	SSE 2	10-●	10≡●	10≡	.	≡ ●◡ n-8, ll, ≡-n
26	0.0	-0.3	-2.5	-0.9	-1.2	556.7	557.4	558.4	100	100	100	SE 3	W 2	ESE 2	10≡*	10≡*	10≡*	7.9	↙ l, ≡, ✳ l-15½, 19¼-n
27	-2.0	2.8	-0.7	0.0	-0.5	560.3	561.5	561.0	100	96	70	SE 0	SSE 2	S 4	10≡*	10≡	5	.	✳° n-9½, ≡ n-17, *)
28	1.0	2.8	-5.9	-0.7	-1.2	559.9	560.5	562.2	54	98	100	SE 3	S 3	WNW 3	6	10≡	10	11.1	p ≡, ✳ 14-20, n ● ✳
29	0.2	2.8	1.5	1.5	0.8	562.8	563.7	561.8	74	84	100	SE 3	S 2	SE 2	6	7	10●	.	p ≡, ●° lll
30	4.6	2.6	2.2	3.1	2.3	559.3	561.4	563.1	78	92	94	S 4	WSW 2	SSW 2	7	10≡	3	3.5	↙ l, ≡°-≡-lll, ● ◠
31	0.2	7.4	4.8	6.1	5.2	563.2	564.5	563.9	45	80	60	SSW 2	S 2	S 3	2	8	9	3.5	⩙ lll, n ● [14½-16½
																		Summe	
Mittel	0.0	2.4	-0.9	-0.5	—	562.5	563.0	563.0	76	84	90				6.2	7.3	6.7	175.0	

*) 3. ⛤ ● 14½-16½, ≡-n *) 11. ≡° ll, n ↙ *) 22. p ↙, ● 10½, lll *) 24. 15¼-17½, ● ✳ 19-n *) 27. ↙ ⩙ lll

Mai 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$Hb = 2102.9^m$, $G = -0.14\,^m/_m$.

1	2.8	10.2	6.4	6.5	7.0	597.9	599.5	**599.8**	61	48	57	N 0	N 0	N 0	0	0	0	.	
2	8.2	14.2	5.6	9.3	9.6	599.3	599.4	598.3	42	40	48	N 0	E 0	E 0	0	0	0	.	
3	3.6	8.2	3.8	5.2	5.4	595.4	596.0	595.6	41	60	91	N 1	N 1	N 2	2	5	10●	2.5	● 16½-n
4	3.7	10.5	4.0	6.1	6.2	596.0	596.8	596.9	87	48	60	N 1	N 0	N 1	5	0	0	.	≡◡ n-10¾
5	4.2	11.8	6.5	7.5	7.5	596.9	597.7	598.0	65	44	84	N 1	E 1	E 1	0	0	10	.	
6	6.2	12.8	7.5	8.8	8.7	598.1	598.5	599.2	61	**39**	60	NE 0	E 0	SE 1	0	0	0	.	
7	6.8	**14.4**	8.5	9.9	9.7	598.4	598.7	598.5	65	43	64	SE 1	SE 1	SE 1	0	2	2	.	
8	6.4	14.3	7.0	9.2	8.8	597.3	596.3	595.6	62	**39**	73	SE 0	SE 1	SE 0	0	0	5	.	
9	7.4	9.4	4.0	6.9	6.4	592.1	590.2	586.6	50	65	83	NNE 0	SE 1	SE 2	4	10●	10●	46.2	●² 12½-n [↙ lll-n
10	2.6	1.8	-5.5	-0.4	-1.0	**583.3**	583.4	584.4	75	70	86	S 1	N 0	N 3	10	10*	10≡	8.2	✳ 13¼-21, ≡ 18-n,
11	**-7.0**	0.8	-0.5	-2.2	-2.9	584.8	585.7	586.8	40	48	65	N 3	N 1	SE 2	0	0	10	.	↙ l,
12	-1.4	-0.6	-4.8	-2.3	-3.2	586.9	586.4	587.8	69	81	83	SE 1	SE 2	SE 3	10	10*	10	15.8	✳, ↙ lll
13	-5.2	6.0	0.8	0.5	-0.5	588.4	589.5	590.0	61	40	65	N 1	SSE 1	SE 1	1	3	10	.	
14	1.2	3.0	0.4	1.5	0.4	588.7	588.6	587.0	80	70	82	SE 1	SE 0	SE 0	10	10●	10*	27.5	● 10½-16, ✳²-n
15	-3.8	4.8	1.5	0.8	-0.4	588.6	589.4	590.1	83	50	85	N 1	N 0	SE 1	0	5	10≡	2.3	≡ 17¾-n
16	1.8	1.6	1.5	1.6	0.3	589.5	589.5	590.1	70	75	77	SE 3	SE 1	N 1	10●	10●	0	21.4	↙ l, ● n-14¼, ✳²-18¼
17	-4.0	0.8	-2.5	-1.9	-3.3	589.9	590.0	589.8	**58**	50	65	N 1	N 2	N 1	0	0	0	.	
18	-6.2	-3.3	-5.5	-5.0	-6.5	588.7	589.1	589.1	85	50	83	N 2	N 2	N 1	10≡	2	0	.	≡ n-9¾
19	-5.2	2.4	-3.4	-2.1	-3.8	589.1	589.2	590.5	81	**39**	82	N 0	N 1	N 1	3	5	10≡	4.0	≡ 18¼-n, n ●
20	-1.6	1.1	-1.3	-0.6	-2.4	590.6	591.7	592.3	82	74	93	N 0	S 1	S 1	10≡	10≡	10≡	.	≡
21	1.4	6.7	1.5	3.2	-1.3	592.9	593.0	593.4	65	43	80	S 0	S 1	S 0	5	3	0	.	≡° n-10
22	5.2	8.5	2.1	5.3	3.3	593.5	593.7	594.1	52	40	94	S 0	S 0	N 0	0	5	10≡	.	≡ 19-n
23	6.0	8.4	4.4	6.3	4.2	594.3	594.2	594.3	68	52	79	N 0	S 2	S 1	5	8	3	.	
24	6.5	8.1	2.2	5.6	3.4	593.3	592.7	592.1	55	59	82	S 0	S 2	S 1	2	5	10●	19.8	● 15-15³¼, 20-n
25	2.6	6.8	2.7	4.0	1.6	589.7	588.9	587.7	75	55	71	SE 1	SE 1	SE 1	10●	10	10●	22.2	● n-10¼, 17-n, n ✳
26	1.1	3.0	-1.8	0.8	-1.7	585.3	586.0	587.2	80	63	87	SE 1	SE 2	SE 1	10*	10*	10*	25.0	✳² ≡
27	1.5	4.5	-0.5	1.8	-0.8	589.1	591.8	592.1	75	61	84	SE 1	S 1	S 1	10≡	10≡	10*	29.4	≡. ✳² 9-11¹ 2, 15-n
28	-0.4	1.2	-2.2	-0.5	-3.2	589.6	589.3	590.7	75	71	85	S 4	S 2	S 0	10≡	10*	10	22.3	↙ l, ⚵² ✳² ≡
29	2.5	6.3	1.6	3.5	0.7	592.3	592.5	590.7	67	49	80	SE 1	S 1	S 1	10	10	10●	**53.5**	●² 16¼-n, ⛤ 21¾-n
30	5.5	7.8	3.6	5.6	2.7	587.5	589.9	591.7	70	75	83	S 4	SE 1	S 1	10●	10●	3	35.0	↙ l, ●² n-10¹ 4
31	8.9	10.5	5.4	8.3	5.2	592.1	593.4	592.6	72	55	62	S 1	S 1	S 2	10	10	10	1.3	● 16-17½
																		Summe	
Mittel	-2.0	6.3	1.7	3.3	—	591.6	592.0	592.0	67	55	76				5.0	5.6	6.5	336.4	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

Juni 1923.
Tellur. Observatorium

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	11.8	18.3	14.1	14.7	0.5	714.6	714.3	714.7	90	45	90	SE 0	NW 0	E 0	8	5	0	.	◠ 18³/₄, ●° 19–20
2	11.5	18.6	13.8	14.6	0.3	715.4	713.8	714.2	85	60	81	SE 0	N 2	SE 0	0	6	0	.	↙ II
3	11.1	19.6	13.6	14.8	0.4	712.3	711.6	709.7	85	45	78	SE 0	SW 0	E 0	1	8	10	7.1	△ I, ● 22–24
4	11.2	10.2	8.2	9.9	−4.7	705.9	**704.9**	705.7	94	93	88	WSW 0	W 1	SW 0	10	10●	10	9.9	●° 4¹/₂–7¹/₄, ● 7³/₄–17, n
5	7.2	8.8	6.9	7.6	−7.1	707.3	709.4	712.3	86	87	86	W 0	SE 1	W 0	10	9●	9	4.1	● 10¹/₄–10¹/₂, ●· 11–16
6	7.2	11.4	9.6	9.4	−5.4	713.8	714.2	715.4	78	50	66	SW 0	W 1	SW 1	3	10	10	0.2	●° 17¹/₂–20
7	9.0	12.3	9.3	10.2	−4.7	716.4	717.2	717.8	83	64	87	SW 1	SW 1	NNE 0	10	8	9	0.1	●° 7³/₄–10¹/₂
8	7.0	16.5	12.8	12.1	−2.9	718.3	717.6	718.2	82	48	78	E 0	N 0	NW 0	0	6	10	.	
9	11.4	21.1	16.8	16.4	1.3	719.2	718.8	719.0	76	38	68	SW 0	NW 1	WNW 0	0	1	0	.	
10	13.8	**23.5**	19.0	18.8	3.6	719.4	718.5	718.8	73	46	70	S 0	N 0	W 0	0	0	1	.	
11	16.7	21.7	14.2	17.5	2.2	719.2	717.7	718.9	78	49	64	W 0	W 2	N 0	1	6	10	.	p ↙
12	11.2	15.6	10.4	12.4	−3.1	**719.7**	719.0	718.7	72	45	60	NE 0	NE 2	NE 0	9	3	0	.	p ↙
13	8.5	13.6	12.4	11.5	−4.1	716.9	715.6	713.0	79	49	77	E 0	SW 2	W 2	9	10	10●	4.8	●° 9-9¹/₄, ↙ 10–24, ●
14	11.9	12.5	10.4	11.6	−4.1	712.1	713.0	715.1	87	64	77	SW 0	W 2	NW 0	10	10	10	.	● 3–5, ↙ II [21¹/₄–24
15	10.4	14.2	10.9	11.8	−4.0	715.1	714.7	713.6	73	43	57	NW 0	NW 0	N 0	8	5	10	2.4	
16	8.6	12.2	8.1	9.6	−6.3	709.6	708.8	711.7	91	88	87	WSW 0	W 2	SW 1	10	9	10	15.8	● 3¹/₂–7¹/₄, 12³/₄–13¹/₄, *)
17	6.9	8.2	5.4	6.8	−9.2	712.7	712.9	714.0	85	62	86	SW 0	SW 1	SW 0	10	10	4	1.4	● 0–1, 2¹/₂–7
18	**5.1**	9.1	6.5	6.9	−9.2	713.3	712.7	713.7	85	67	95	S 0	NE 1	SE 0	10●	9●	10●	5.9	● 1–n
19	7.0	12.0	10.0	9.7	−6.5	713.9	714.7	714.2	92	68	78	SW 0	NE 0	W 0	10	9	2	.	● n–3¹/₂
20	9.8	11.9	9.4	10.4	−5.9	711.9	711.4	713.2	80	68	96	SE 0	W 1	E 0	10	10●	10	1.9	● 13–19
21	9.1	13.0	11.4	11.2	−5.2	715.5	715.8	717.3	86	56	77	NE 1	NE 1	NE 0	7	9	10	.	△ I
22	10.8	16.0	12.2	13.0	−3.5	718.3	718.0	719.3	74	40	88	NE 0	W 1	W 0	8	10	10	2.2	● 18¹/₂–21
23	11.2	18.5	16.0	15.2	−1.3	719.3	718.7	719.1	96	60	81	SE 1	N 1	E 0	10	8	10	.	●° 2¹/₂–3¹/₂, 6–7, 22–23
24	14.4	20.7	18.1	17.7	1.1	717.2	715.8	715.1	87	62	81	NE 1	NE 1	NE 0	6	7	7	.	
25	17.5	22.5	15.3	18.4	1.7	713.3	711.8	711.2	80	55	95	E 0	NNE 1	W 0	4	7	10●	7.1	● 15¹/₄–19¹/₄, 21–3, ◠ *)
26	14.1	14.8	8.3	12.4	−4.4	709.9	710.3	713.4	91	71	95	SW 0	NW 1	NE 0	10	10●	10●	1.6	⊼ n–l, ● 13–15, 16¹/₄–22
27	8.8	14.3	11.0	11.4	−5.5	713.8	714.4	715.4	82	51	66	NE 1	NE 1	NE 0	2	6	1	.	
28	10.0	16.8	12.5	13.1	−3.9	715.8	715.3	715.9	71	38	66	E 0	N 1	NE 0	6	5	10	.	△ I
29	11.2	14.8	11.9	12.6	−4.4	715.7	715.5	716.6	84	72	85	N 0	NE 0	SE 0	10	9	8	1.3	△ I, ●° 11³/₄–12¹/₄, ●
30	11.2	19.7	16.2	15.7	−1.4	716.9	715.9	715.3	80	**33**	65	SE 0	SW 1	N 0	0	0	0	.	△ I [12³/₄–13
Mittel	10.5	15.4	11.8	12.6	—	714.8	714.4	715.0	83	57	79				6.4	7.9	7.0	Summe 64.9	

*) **16.** 17³/₄–19³/₄, ↙ II *) **25.** 17¹/₄, 18³/₄, ⊼ 15¹/₂–n

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$,
$Hb = 487.3^{m}$. $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

Juni 1923.
Observatorium.

1	12.6	20.4	14.1	15.7	−0.2	721.8	721.4	721.6	89	57	73	NE 0	W 1	W 1	6	3	2	.	↙ 15¹/₂–III
2	12.9	21.2	14.5	16.2	0.2	722.3	720.6	720.9	85	47	72	E 1	E 1	NE 0	3	6	0	.	●° 18
3	12.0	19.4	14.1	15.2	−0.9	720.1	718.4	717.1	86	59	82	E 1	SW 1	NW 1	2	9	9●	1.6	⊼ ● 14¹/₂–16, 20–n
4	13.9	12.4	9.5	11.9	−4.3	712.2	**711.5**	713.1	79	75	68	W 1	W 1	NW 2	9	10	10	2.9	a ●, p n ●°
5	8.6	11.0	8.5	9.4	−6.9	714.6	716.5	719.2	65	52	60	NW 1	NW 1	N 2	9	9	7	.	↙ III
6	9.1	12.6	10.2	10.6	−5.9	720.7	721.2	722.3	68	57	67	SW 1	SW 2	W 2	7	10	10	.	●° 10, p
7	10.2	11.4	11.0	10.9	−5.7	723.3	724.6	725.0	76	74	58	W 1	SW 1	N 3	10	10	1	.	a ●°, ↙ III–n
8	9.4	19.5	12.8	13.9	−2.8	725.5	724.8	725.1	74	46	74	E 2	S 1	NE 1	2	0	4	.	
9	11.7	23.1	17.7	17.5	0.7	726.3	725.6	725.9	84	44	59	NE 1	SW 1	N 0	0	3	2	.	
10	14.4	**24.7**	21.0	20.0	3.1	**727.0**	725.5	725.7	82	50	50	E 1	SW 1	N 2	3	1	3	.	↙ III
11	16.4	22.7	14.4	17.8	0.8	725.9	724.7	725.5	77	52	53	W 1	W 2	N 3	1	7	9	.	↙ 14¹/₂–n
12	13.6	18.7	11.9	14.7	−2.5	726.6	726.0	725.6	64	**38**	48	E 1	E 2	NE 1	3	3	3	.	↙ 18–20¹/₂
13	9.8	13.6	12.5	12.0	−5.3	724.0	722.7	720.0	67	62	82	W 1	SW 2	NW 2	10	10	10●	2.3	●° 8–9, ● 21–n
14	12.7	12.0	11.4	12.0	−5.4	718.9	720.5	722.2	74	64	80	SW 1	N 2	NE 1	6	10	10	.	
15	9.6	17.9	12.1	13.2	−4.3	722.3	721.7	720.2	60	47	44	NW 2	E 1	NW 2	6	7	9	**8.5**	≡° I
16	9.3	16.0	9.2	11.5	−6.1	716.4	715.4	718.8	100	74	84	SW 2	SW 2	NW 1	10●	8	10	2.9	● n–11, ⊼ ● ↙ 16–18,
17	7.9	10.4	**5.8**	8.0	−9.7	719.8	719.8	721.1	66	53	81	W 1	NW 1	NW 1	10	10	7	.	a ●° [n ●°
18	8.1	7.7	6.8	7.5	−10.3	720.3	720.1	721.3	66	76	97	NW 1	NE 2	N 1	8	9	10●	3.2	● 9–n, ▲° 13¹/₄
19	8.5	13.8	11.6	11.3	−6.6	721.1	721.7	721.2	89	68	65	NE 1	E 1	N 1	8	8	7	.	
20	10.8	11.0	9.1	10.3	−7.7	718.8	718.7	720.5	40	92	95	NE 1	W 1	N 1	10	10●	10	4.1	● 8³/₄–III
21	10.6	14.2	12.2	12.3	−5.8	722.4	723.1	724.3	85	54	64	NE 1	NE 1	N 3	7	7	10	.	↙ III
22	11.2	16.3	11.8	13.1	−5.1	725.4	725.5	726.4	78	55	86	NE 1	SW 1	N 1	10	10	10●	1.3	● 14–n
23	12.4	19.9	15.6	16.0	−2.3	726.3	725.5	725.9	93	69	88	NE 1	SE 1	N 0	10	8	10●	0.3	●° III–n
24	15.6	23.4	17.0	18.7	0.3	724.1	722.4	721.8	85	63	80	NE 1	E 1	N 1	7	7	4	.	≡° II
25	17.6	**24.7**	15.5	19.1	0.6	720.2	718.5	717.9	88	50	94	E 0	S 1	N 1	6	6	9	0.6	⊼° ●° 17–18, 19³/₄–20¹/₂
26	15.1	12.3	10.1	12.5	−6.1	716.5	717.2	720.5	62	74	83	SW 1	N 3	NE 1	10	10	10	1.6	● 12–13¹/₂, ↙ 12–16
27	11.1	17.0	10.7	12.9	−5.8	720.8	721.4	722.3	73	51	63	E 1	E 1	NE 1	2	7	2	.	
28	11.5	18.8	14.3	14.9	−3.9	722.7	722.3	722.8	68	47	57	NE 1	E 1	NE 2	7	8	10	.	
29	11.9	17.4	13.6	14.3	−4.6	722.9	722.5	723.6	83	57	65	NE 0	E 1	N 1	8	7	4	.	
30	11.9	22.2	17.2	17.1	−1.8	723.9	723.0	722.6	85	46	52	SE 1	SW 1	N 1	0	3	3	.	
Mittel	11.7	16.9	12.5	13.7	—	721.8	721.4	722.0	78	58	71				6.3	7.2	6.8	Summe 29.3	

Juni 1923.
Beobachter: Frl. *H. Nager*.

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	13.1	19.4	15.3	15.9	1.1	724.3	723.1	724.1	86	37	82	E o	NW 2	NW o	7	6	10●	.	☄ II, ●° III
2	14.0	21.1	12.5	15.9	1.0	724.8	722.8	723.9	83	45	84	W o	W o	NE o	8	8	o	1.7	● $9^{3}/_{4}$, ☇ ● $14^{1}/_{2}$
3	11.7	20.0	14.0	15.2	0.2	722.3	720.4	719.6	84	43	98	S o	NW o-1	NE o	1	4	3	1.6	● 16
4	12.6	13.7	9.6	12.0	-3.1	715 o	**713.0**	715.0	85	58	63	E o	NE o-1	NW 2-3	10	10●	10●	**9.8**	p n ●, ☄ III
5	8.1	8.3	6.5	7.6	-7.6	716.7	719.8	722.4	94	65	98	SE o-1	NW 2	NW o	10●	10●	10	7.3	● n-p, ☄ II
6	8.3	14.0	9.0	10.4	-4.9	723.2	722.9	725.1	83	**36**	94	NW o	NW o	NW o	8	9	10●	1.6	● III
7	9.0	10.1	8.4	9.2	-6.2	725.5	727.3	728.3	98	75	98	S o	NW o	NE o	10●	10	7	4.7	a ●
8	7.0	16.0	12.2	11.7	-3.8	728.4	727.5	728.3	84	42	74	SE o	N 1	NE o	o	1	o	.	
9	11.6	21.1	15.1	15.9	0.3	728.4	728.1	728.8	64	40	83	NW o	N 1	SW o	o	o	o	.	
10	14.9	21.8	19.8	18.8	3.1	728.8	727.5	728.1	68	43	60	SW o	NW o	NW o	3	o	9	.	
11	17.0	**23.0**	14.1	18.0	2.2	728.2	725.8	728.9	81	37	84	W o	NW o-1	NW o	6	5	10●	6.9	● 15-n
12	11.9	16.2	10.4	12.8	-3.1	**729.2**	**729.2**	728.3	78	45	74	SE o	NW 2	NW o	10●	8	2	.	●° I, ☄ II
13	10.9	13.4	12.1	12.1	-3.9	726.3	725.4	722.1	68	50	86	S o	N o	E o	9	9	10●	9.4	● $21^{1}/_{4}$-n
14	13.1	12.4	9.7	11.7	-4.4	720.2	722.9	724.5	73	61	95	NW 1-2	NW 2	NE o	10●	10●	10	6.4	● n-p, ☄ II
15	10.4	14.4	11.5	12.1	-4.1	724.8	723.9	723.2	80	52	83	W o	NW o-1	NW o	5	8	10	1.9	n ($^{15}/_{16}$) ●
16	10.6	13.4	9.5	11.2	-5.1	719.0	718.7	720.3	94	80	89	S o	N o	S o	10●	10●	10●	6.3	●
17	8.7	9.4	6.3	8.1	-8.3	721.0	721.7	723.5	54	53	92	NW 2	NW o-1	NW o	10●	10●	10●	7.8	☄ I, ●
18	**5.4**	8.8	7.1	7.1	-9.3	722.4	722.2	723.1	89	67	93	NW 1	NW o-1	NW o	10●	10●	10●	8.4	●
19	7.4	11.8	9.4	9.5	-7.0	724.0	724.4	724.1	93	60	92	E o	NW o	NE o	10●	10	10	0.4	●° I
20	11.3	13.7	10.6	11.9	-4.7	721.4	720.8	723.0	68	60	75	E o	E o	NW o	10	10●	10	2.1	● $12^{1}/_{2}$-II
21	10.6	13.5	10.8	11.6	-5.1	724.9	725.4	727.2	91	57	94	NE o	N o	NW o	10	10	10	.	
22	12.3	16.4	11.7	13.5	-3.3	727.6	726.8	**729.2**	76	68	98	NW o	W o-1	NW o	10	10	10●	5.6	● 17-n
23	11.2	15.6	13.3	13.4	-3.4	**729.2**	728.4	**729.2**	99	73	97	NW o	W o	W o	10●	10	10●	4.0	● I, $15^{3}/_{4}$-n
24	14.8	20.3	16.6	17.2	0.3	726.5	724.8	724.7	90	60	90	N o	NW o	NW o	3	5	10	0.3	☇ III
25	16.4	21.8	16.5	18.2	1.2	722.8	720.7	720.7	83	56	92	W o	NW o-1	NW o	8●	6	10	6.8	●° n-8, ● 19, n
26	15.1	14.7	10.4	13.4	-3.6	719.0	719.7	722.6	90	79	89	NW o	NW o	S o	10●	9	10●	7.3	● a, III
27	11.0	14.5	11.4	12.3	-4.8	723.5	723.5	725.0	73	69	79	E o	NW 1	SW o	10●	7	7	.	●° I
28	10.3	17.2	13.0	13.5	-3.7	725.3	724.5	725.6	77	40	72	NW o	NW 1-2	SE o	3	4	9		
29	12.8	15.3	11.4	13.2	-4.0	725.1	726.1	726.8	80	56	97	SE o	S o	S o	9	9	10	2.4	n ($^{29}/_{30}$) ●
30	10.9	19.4	14.2	14.8	-2.5	725.9	725.5	725.5	82	43	69	S o	NW 1	SE o	1	3	3	.	
Mittel	11.4	15.7	11.7	12.9	—	724.1	723.8	724.7	82	55	86				7.4	7.4	8.0	Summe 102.7	

Juni 1923.
Observatorium

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$.

1	12.8	17.6	15.4	15.2	-0.1	729.1	728.2	728.7	88	59	75	NE o	NNE 1	NNE 1	2	1	o	.	
2	14.0	21.4	16.2	15.9	0.4	729.3	727.3	727.8	78	55	74	SW o	NNE 1	NNE 1	o	1	o	.	☇ $14^{1}/_{4}$, $16^{1}/_{4}$
3	13.8	21.4	15.4	16.0	0.4	727.2	725.7	724.5	76	53	57	SE o	NNW 1	SE 1	1	8	6	.	☇ $14^{1}/_{4}$, 18, $20^{1}/_{2}$
4	15.4	12.6	10.2	12.9	-2.8	720.0	**719.5**	720.4	56	84	83	SW 1	SSW 1	SW 1	9	10	10●	**10.1**	☇ $12^{1}/_{4}$, p ●
5	10.0	13.0	9.4	10.4	-5.4	722.4	724.0	726.9	64	52	62	NW 1	N 1	NE 1	7	9	4	0.3	●°
6	9.6	14.6	11.3	10.7	-5.2	728.6	729.1	730.5	74	45	70	SE 1	NW o	W o	o	8	10	.	
7	12.7	14.4	10.9	12.7	-3.4	731.2	731.3	731.4	69	55	74	SW 1	NNE 1	NNE 1	4	5	o	.	
8	10.6	17.2	14.7	13.3	-2.9	732.4	732.1	732.2	75	43	71	NNE 1	NNE 1	NNE 1	o	o	o	.	
9	13.0	**24.0**	17.2	16.8	0.5	733.5	733.0	733.3	77	**28**	65	SSW 1	SW 1	NNE 1	o	o	o	.	
10	16.0	23.0	20.7	19.0	2.6	**733.7**	732.8	733.1	71	40	68	NW o	NNE o	SW o	o	o	o	.	
11	18.0	23.7	17.2	18.7	2.2	733.6	731.9	732.7	67	46	57	SSW o	NNW 1	NNW 1	o	1	8	.	
12	13.6	16.7	12.8	14.9	-1.7	732.8	731.8	732.3	60	46	58	NNE 2	NNE 3	NNE 2	1	1	o	.	☄
13	11.0	16.3	13.7	13.0	-3.7	732.0	730.5	728.3	72	56	80	SE o	SW o	SW 1	9	9	10●	0.7	●° 21-n
14	14.4	15.6	11.5	13.9	-2.9	727.0	727.5	729.2	74	56	73	SSW 1	NW 1	NNE 1	10	9	o	.	
15	11.4	17.8	12.3	13.2	-3.7	730.3	729.0	727.8	75	44	54	NW 1	SSW 1	SW 1	o	5	9	7.0	◑ 10, n ●°
16	11.8	18.0	10.0	12.8	-4.2	724.8	724.0	726.9	90	60	88	S 1	SW 1	NE 1	10	9	9	5.2	☇ ● $16^{3}/_{4}$, n ●
17	10.0	12.0	7.4	10.1	-7.0	727.3	727.7	728.6	80	46	83	SE 1	NW 1	SSW 1	9	8	o	0.6	● 18, n
18	7.8	10.0	8.8	8.4	-8.8	727.7	727.0	727.9	80	70	76	SSW 1	NE 1	NNE 1	10	9	10●	1.4	● △ II, $15^{1}/_{2}$, n ●°
19	10.4	15.2	12.1	11.8	-5.5	728.1	728.5	728.6	70	50	76	NNE 1	NNE 2	NNE 1	5	1	o	.	☄ II
20	10.6	11.4	10.6	11.1	-6.3	726.7	726.4	727.5	77	90	83	SSE o	S o	NNE 1	9	10●	10	8.5	●, n ●
21	11.3	16.2	14.0	13.4	-4.1	729.3	729.5	731.5	75	52	66	NNE 1	NNE 2	NNE 1	8	9	9	.	☄ II
22	12.0	17.0	15.0	14.4	-3.2	732.8	732.4	733.2	76	52	61	SW 1	NNE 1	NNE 1	o	1	9	.	
23	15.0	19.7	18.0	17.1	-0.6	733.2	732.1	732.1	76	58	70	NNE o	NNE 1	NNE 1	o	1	o	.	Ψ 21
24	16.3	22.0	19.4	18.9	1.2	731.0	729.7	728.7	78	58	81	NNE 1	NNE 1	NNE 1	1	o	9	.	☇ 18
25	18.2	23.0	17.3	19.4	1.6	727.4	725.8	725.1	88	55	87	SW o	NNE o	NNE 1	9	9	4	0.6	☇ $12^{1}/_{2}$, p ●°
26	16.0	16.2	12.6	15.2	-2.7	724.3	725.3	727.1	88	61	66	W o	NW 1	NNE 1	10	10	9	.	
27	11.2	10.4	13.4	13.6	-4.4	727.8	728.2	729.1	71	50	62	NNE 1	NNE 2	NNE 1	o	o	o	.	☄ II
28	12.0	18.5	14.4	14.2	-3.8	730.1	729.2	729.8	65	46	63	NNE 1	NNE 1	NE 1	o	o	1	.	
29	13.0	17.6	15.2	14.7	-3.4	730.0	729.6	730.2	77	56	60	SSW o	NNW 1	NNE 1	o	9	o	.	
30	12.6	19.7	16.8	16.0	-2.2	731.1	730.1	729.6	74	42	70	NE o	NNE 1	NNE 1	o	o	o	.	
Mittel	12.8	17.4	13.8	14.3	—	729.2	728.6	729.2	75	54	70				3.8	4.8	3.2	Summe 34.4	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{30}, 13^{15} u. 21^{30}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{mm}$

Zürich.

Juni 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	12.6	20.8	15.2	16.2	1.3	721.2	720.7	721.3	83	48	76	S 0	E 1	E 0	7	4	9	0.1	● 0–3¼
2	13.2	16.8	13.8	14.6	−0.4	721.8	721.3	720.8	85	64	80	N 0	NE 2	NE 1	5	5	1	1.0	⊕ 11½, ● ⛈ 12½–13
3	10.9	21.1	12.8	14.9	−0.2	719.6	717.9	716.2	94	48	90	E 1	W 1	SE 1	0	7	6	3.3	● 20¾–21¼, 23½–23¾
4	11.9	11.9	8.8	10.9	−4.3	711.9	**710.7**	712.4	88	91	84	SW 1	NW 1	W 0	10●	10●	10	14.3	● 6¾, 8–8¾, 11½–16¾, *)
5	7.0	9.4	7.4	7.9	−7.4	713.8	715.9	718 9	95	72	84	W 1	W 1	SW 1	10●	9	10	0.8	●° 1½–11¼, 15–15¼, *)
6	8.2	12.0	8.8	9.7	−5.8	720.0	720.1	721.5	75	50	85	W 1	NW 1	W 2	8	10	10●	1.3	●° 9¼, 12, ● 17–n
7	8.6	14.6	9.8	11.0	−4.6	722.5	723.7	724.8	95	59	88	W 1	W 2	W 1	10●	5	10	1.7	● n–10¾, ⛈ II
8	6.8	18.8	10.7	12.1	−3.6	725 2	724.4	724.9	88	41	77	E 1	E 1	E 1	1	2	5	.	⊕° 15
9	10.8	23.7	15.2	16.6	0.8	725.4	724.8	725.6	78	43	75	E 0	W 1	NE 1	0	1	3	.	
10	14.2	**26.2**	17.6	19.3	3.4	725 8	724 7	725.1	79	42	71	NE 0	NW 1	NW 1	0	0	1	.	
11	17.8	23.3	14.2	18.4	2.4	724.9	723.7	725.6	71	50	62	W 1	NW 2	NW 1	3	4	10	.	p ⛈
12	11.3	17.9	10.2	13.1	−3 0	**726.4**	725.6	725.5	76	42	62	NE 1	N 1	NE 1	9	6	1	.	
13	10.0	13.8	11.0	11.6	−4.6	723.0	721.7	719.0	72	56	96	NW 0	W 1	W 0	10	10	10●	7.8	●° 8½–9¼, ● 19½–0½
14	12.8	10.8	10.1	11.2	−5.1	717.5	719.6	721.4	81	90	86	W 1	W 1	W 1	5	10●	10	0.4	● 3–6, ●° 10½–14½, 17½
15	9.2	14.8	10.0	11.3	−5.1	721.9	721.6	720.1	79	45	65	W 1	NW 1	SW 0	9	5	10	2.5	⊕ 9½
16	9 2	16.6	8.9	11.6	−4.9	715 8	714.3	717.6	94	65	74	S 1	W 2	NW 2	10●	9	10	5.8	● 3–9½, ● ⛈ 13–24¼
17	7.3	9.2	6.0	7.5	−9.1	718.7	718.9	720.2	84	61	82	W 1	NW 2	W 1	9	10	9	1.4	● 2–3¼, 13¾–16¾, *)
18	**5.6**	7.4	6.6	6.5	−10.2	719.7	719.7	720.3	93	85	98	NW 1	E 1	NW 0	10●	10	10●	9.5	●° 7–14¼, ● 14¾–n
19	6.8	12.6	8.4	9.3	−7.5	720.7	720.9	720.7	99	71	95	W 0	S 1	SW 1	10●	9	4	1.1	● n–9¼, 15½
20	11.4	13.2	9.4	11.3	−5.6	718.4	718.0	720.2	77	61	96	S 1	W 1	W 1	10	10	10●	1.0	a ⊕, ●° 11–22¼
21	9.2	14.1	11.0	11.4	−5.6	722.3	722.5	723.8	86	60	92	N 1	E 1	N 0	6	10	10	.	
22	10.7	16.2	11.6	12.8	−4.3	724.7	724.5	725.4	76	57	96	NW 0	NW 1	NW 1	10	10	10●	4.9	a ⊕, ●° 15¾–III, ●–5¼
23	11.4	19.1	13.6	14.7	−2.5	725.7	725.0	725.8	97	67	100	SW 0	SW 1	SW 0	10	5	10●	1.6	●° 8, 10¾–11¼, ● 16¼–III
24	14.2	22.0	16 0	17.4	0.2	724.2	722.2	721.5	95	62	95	S 0	E 1	NE 0	10	5	8	0.1	
25	16.6	25.4	14.9	19.0	1.7	720.1	718.2	717.4	87	46	97	NE 0	W 2	E 1	9	3	9	7.7	⛈ II, ⛆ ● 20–21¼. ● *)
26	14.3	13.0	8.0	11.8	−5.6	716.4	716.9	720.3	81	94	100	W 1	W 1	NW 1	10	10●	10●	**18.6**	●° 11–12, ●–23¾
27	8.6	16.3	9.6	11.5	−6.0	720.9	721.2	721.8	90	47	82	E 0	NE 1	NE 1	5	7	2	.	
28	9.2	16.6	11.8	12.5	−5.1	722.4	722.2	722.6	77	45	80	N 0	NE 1	NE 0	4	6	10	.	
29	12.0	18.5	11.6	14.0	−3.6	722.1	722.0	723.2	75	**40**	91	N 0	NW 1	E 1	9	6	9	1.7	●' 11½, ● 15½–15¾, [⛆ ● 18–18¾
30	10.0	21.4	13.4	14.9	−2.8	723.2	722.4	722.1	90	44	80	SE 0	W 1	NW 0	0	2	5	.	
																		Summe	
Mittel	10.7	16.6	11.2	12.8	—	721.2	720.8	721.5	85	58	85				7.0	6.7	7.7	86.6	

*) **4.** ⛆ ● 10¼–10¾ *) **5.** 17½–18½ *) **17.** 23½–2¼, ⛈ II *) **25.** 23¾–0½

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{mm}$.

Rigi-Kulm.

Juni 1923.
Beobachter: *Fr. Schreiber.*

1	3.4	7.2	7.0	5.9	0.1	616.6	617.3	617.8	98	54	50	W 2	W 0	NE 1	5	7	5	.	≡°
2	5.8	7.4	9.0	7.4	1.5	617.9	617.9	617.6	77	60	35	NE 1	NW 1	W 0	7	7	3	.	
3	5.4	*8.0	5.2	6.2	0.2	616.1	*615.0	613.7	30	*35	48	SE 0	— 0	NW 1	0	6*	5	10.0	n (¾) ⛆ ●
4	3.2	1.6	1.0	1.9	−4.2	608.5	**606 8**	607.3	99	99	98	NW 3	NW 4	NW 3	10≡	10●≡	10●≡	31.0	●² ≡ ⛈, n ✳²
5	−1.2	−2.0	−2.2	−1.8	−8.1	608.9	610.2	612.3	99	98	97	NW 1	NW 1	NW 1	10*≡	10*≡	10	22.2	✳² ≡ n–p, ≡° III
6	−2.8	1.2	−0.8	−0.8	−7.2	613.8	616.3	617.2	97	86	80	NW 1	NW 1	NW 2	5	7	10≡	2.3	≡ III, n ⊹° ✳
7	−0.6	0.2	1.0	0.2	−6.3	616.5	617.9	618.8	80	80	77	NW 2	NW 1	W 0	10≡	10	7	.	≡ I, ≡°–p
8	1.0	6.6	7.0	4.9	−1.7	619.4	620.0	620.4	44	28	42	E 1	SE 0	W 0	0	0	5	.	
9	6.8	10.6	11.2	9.5	2.8	621.4	621.7	622.4	35	40	**20**	W 0	SW 0	W 0	0	0	3	.	
10	11.2	**14 6**	14.0	13.3	6 4	623.0	622.5	**623.1**	36	35	36	W 0	W 0	W 0	0	0	3	.	
11	8.6	11.0	6.5	8.7	1.7	622.2	621.4	620.6	82	54	98	NW 0	NW 0	NW 0	5	7	10●≡	8.5	● ≡ III–n
12	1.2	2.8	2.8	2.3	−4.8	620.3	620.3	620.5	99	56	34	NE 0	NW 0	E 1	10	3	0	2.2	≡° ● I
13	1.0	3.8	4.8	3.2	−4.0	617.7	616.7	615.0	50	45	80	W 1	NW 2	NW 2	7	10	10	26.0	n (13/14) ●
14	3.4	2.4	0.8	2.2	−5.1	613.0	614.2	614.8	96	98	95	NW 3	NW 2	NW 0	10≡	10●≡	10≡	4.9	⛈ I, ≡, p ●
15	0.2	4.2	2.4	2.3	−5.1	615.8	616.2	616.1	99	68	78	NW 0	NW 0	SW 0	10	10	10	4.0	≡° n–II
16	2.8	4.4	0.4	2.5	−5.1	611.0	611.3	611.9	90	98	99	NW 2	NW 2	NW 3	10●	10	10*≡	5.2	● n–I, p ≡°, ✳ ≡ ⛈ III
17	−3.0	−3.2	−3.2	−3.1	−10.8	611.8	612.8	612.9	97	99	99	NW 2	NW 2	NW 1	10	10	10≡	13.4	≡°, ≡ III–n, n ✳
18	**−3.4**	−0.2	−2.0	−1.9	−9.7	613.0	613.2	613.3	99	98	97	NW 0	NW 0	NE 1	10≡	10*	10≡	31.4	≡ ✳²
19	−1.0	2.0	1.0	0.7	−7.2	613.9	614.9	615.7	99	78	92	SE 0	NE 0	NW 1	10≡	10	5	1.2	≡ ✳ I, ≡°–II
20	1.8	3.0	2.4	2.4	−5.6	613.8	613.5	613.8	64	54	86	W 1	NW 2	NW 0	7	10	10≡	2.6	p ●, ≡ III–n
21	1.8	1.8	2.2	1.9	−6.2	616.9	617.1	618.5	97	98	95	NE 0	NE 0	NE 0	10	10	10	.	≡°
22	3.0	6.4	2.4	3.9	−4.3	619.3	619.7	621.6	84	53	92	NW 0	NW 0	NW 2	10	10	10●	13.0	≡°, ● III–n
23	4.8	8.2	6.8	6.6	−1.7	620.4	620.2	620.5	98	63	75	W 1	W 0	W 0	10●≡	10	10●	4.5	● ≡ I, ≡°, ● III
24	7.2	12.0	11.0	10.1	1.7	620.2	619.8	619.6	46	60	80	E 0	E 0	E 0	3	8	5	.	
25	11.2	10.4	9.0	10.2	1.7	618.7	616.8	615.8	58	84	62	E 0	W 0	W 1	7	7	10	**61.5**	⛆° ●° 17½, ⛆ ●² 23¾–6
26	4.0	3.8	2.2	3.3	−5.2	613.3	613.3	613.6	99	99	99	W 0	NW 1	NW 1	10●≡	10●≡	10●≡	48.6	●² ≡, n ✳
27	1.0	4.2	3.4	2.9	−5.7	614.6	615.6	616.8	99	54	60	W 0	W 0	NW 0	10	7	7	.	≡° I
28	3.2	4.4	4.4	4.0	−4.7	617.0	617.3	617.7	60	63	52	NE 0	NE 0	SE 0	3	7	5	.	
29	2.8	6.0	3.4	4.1	−4.7	617.3	617.9	618.6	62	45	94	W 0	W 0	NW 0	10	7	10	1.6	⛆° ● 17, ≡° III
30	5.0	8.0	9.0	7.3	−1.6	618.9	619.1	618.8	34	45	30	W 0	SW 0	SW 0	0	0	0	.	
																		Summe	
Mittel	2.9	5.0	4.1	4.0	—	618.4	616.6	616.9	77	68	73				7.0	7.4	7.4	294.1	

⊠: Angaben unsicher.

Juni 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$.
$H_b = 1707.6^{m}$, $G = -0.12\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	9.3	16.3	8.7	11.4	3.3	622.4	622.2	623.4	73	42	73	S o	SW 1	SW o	7	3	2	.	
2	10.0	13.3	5.4	9.6	1.4	623.4	622.0	623.4	75	48	86	NE o	W 1	SW o	4	9	8	0.3	●° $12^{1}/_{2}$, ⊱ 14-$14^{1}/_{2}$, ●°-17
3	3.3	14.1	6.2	7.9	−0.4	622.6	621.1	619.4	93	46	78	SW o	SW 1	W o	4	6	6	.	
4	6.5	9.2	0.7	5.5	−2.9	615.1	612.9	**612.6**	86	66	97	W o	S 1	N o	9	10●	10*	**29.8**	●^{2} 13–$16^{3}/_{4}$, ✳^{2}-n
5	1.9	3.2	1.6	2.2	−6.4	613.0	615.3	618.2	92	66	69	N o	NW 1	N 1	9*	9*	6	0.1	✳°·△°
6	2.5	7.4	4.2	4.7	−4.0	619.3	620.1	621.1	55	45	59	E o	W o	S o	5	8	10	.	⌴ l
7	5.0	7.0	2.6	4.9	−3.9	621.3	622.8	624.9	61	55	57	W 1	W o	NE 1	9	9	1	.	a ✳°, ⊹ △° $12^{1}/_{4}$
8	1.3	13.4	4.8	6.5	−2.4	625.6	625.2	627.2	62	30	57	SW o	SW 1	SW o	0	1	0	.	⌴ l
9	4.6	16.2	7.8	9.5	0.5	627.7	626.8	**629.0**	72	**23**	43	E o	W o	NW o	0	1	4	.	⌴ l
10	9.0	**20.8**	10.8	13.5	4.4	**629.0**	627.9	628.8	56	42	71	E o	W 1	E o	1	0	0	.	
11	11.3	20.2	12.7	14.7	5.4	627.6	625.1	624.7	78	46	63	SW o	SW 1	NW 1	1	3	10	.	
12	7.0	11.6	2.4	7.0	−2.4	624.5	624.2	625.9	68	43	59	NW 1	NE 1	N o	7	5	1	.	
13	3.7	10.5	6.4	6.9	−2.6	623.2	621.8	621.0	65	43	71	E o	W 1	W o	7	9	8	0.1	⌴ l, ●° $15^{1}/_{2}$-n
14	8.2	11.8	4.3	8.1	−1.5	618.0	618.9	621.2	77	45	70	W o	W 2	W 1	8	7	9	0.3	⌐ II, ●° $8^{3}/_{4}$-p, ◠ 17, △°
15	6.2	10.8	3.4	6.8	−2.9	621.4	621.2	621.1	56	35	62	S o	W 1	N o	2	10	1	2.9	[$18^{3}/_{4}$-n
16	3.4	9.1	2.7	5.1	−4.7	618.7	617.5	617.1	95	68	94	SW o	SW 1	E 1	10●≡	8	10●	6.4	● ≡ n–l, ● 19–n
17	3.0	5.6	−0.4	2.7	−7.2	617.1	617.3	618.8	64	51	77	NW 1	SW 2	N 1	9	9	10*	4.5	⌐ II, p n ✳
18	**−1.5**	2.0	0.4	0.3	−9.7	617.0	617.6	618.3	87	72	82	N 1	N 1	N 1	10△	10△	10	0.2	△°
19	2.2	5.7	3.8	3.9	−6.2	619.2	620.2	621.3	75	58	65	E o	W 1	N o	10	8	10	.	✳° ●° $13^{3}/_{4}$-III
20	5.4	10.6	5.4	7.1	−3.1	619.8	618.8	620.3	67	43	81	E o	SW 1	S o	5	8	10●	1.7	● III–n
21	5.6	10.2	5.2	7.0	−3.3	621.8	622.3	623.9	86	56	87	S o	SW o	E o	9	9	10	.	
22	7.4	11.3	8.0	8.9	−1.4	624.4	624.3	625.4	66	43	60	W o	SW 1	N 1	5	7	9	.	
23	8.0	12.5	9.3	9.9	−0.5	625.8	626.1	626.9	78	57	72	SW o	W 1	NE o	9	9●	7●	.	● $9^{3}/_{4}$-n
24	9.9	17.8	12.9	13.5	3.0	626.4	624.7	624.7	82	47	80	N 1	W 1	SW 1	9	6	7	.	
25	12.0	12.1	6.1	10.1	−0.5	623.0	622.5	621.7	83	72	90	S o	SW 1	SW o	8	10	1	1.7	● $11^{1}/_{4}$-p, ⊱ 16–17
26	10.6	9.7	5.4	8.6	−2.1	618.3	617.9	619.0	80	68	91	S o	W 1	W o	9	10●	9	7.5	● II–$17^{3}/_{4}$, 22–n
27	6.2	10.7	3.6	6.8	−4.0	620.0	620.4	622.8	72	44	68	N o	W 1	N o	4	2	1	.	⌐ $8^{3}/_{4}$-a
28	2.8	9.4	6.1	6.1	−4.7	622.9	622.6	623.4	77	67	62	SW o	SW 1	NW o	9	9	2	.	●°
29	6.2	12.0	6.5	8.2	−2.7	622.7	622.3	624.0	75	46	63	SW o	NE 1	NW 1	9	7	10●	.	●° 9-p
30	8.1	13.6	6.8	9.5	−1.5	624.2	623.9	625.3	64	40	63	W o	W 1	NE o	6	1	0	.	
																		Summe	
Mittel	6.0	11.3	5.5	7.6	—	621.9	621.5	622.5	74	50	72				6.5	6.8	6.1	55.5	

Juni 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$Hb = 541\,8^{m}$, $G = 0.00\,^{m}/_{m}$.

1	13.4	21.2	15.2	16.6	0.4	716.0	714.8	715.4	82	37	58	W o	SW 1	NE o	10	2	1	.	
2	13.4	23.1	14.5	17.0	0.7	716.6	713.9	715.1	81	32	48	NE o	SW o	NE o-1	2	3	0	.	
3	13.7	22.4	16.1	17.4	1.0	714.9	712.5	711.9	66	35	49	NE o	SW 1	SW o-1	1	5	10	.	
4	12.8	12.7	10.0	11.8	−4.7	707.8	**705.9**	706.6	78	100	77	W o	SW o	W o	10	10●	10	2.0	● $9^{1}/_{2}$–$10^{1}/_{2}$, II–14
5	8.8	15.1	9.1	11.0	−5.6	708.4	709.3	713.1	80	40	55	W o	SW 3	SW 1	10	4	8	.	⌐ II
6	9.4	17.6	10.7	12.6	−4.1	715.4	714.7	717.3	65	**29**	58	NE o	W 1-2	SW 1	1	2	10	.	
7	11.4	16.8	11.1	13.1	−3.7	717.7	717.0	718.4	71	37	58	W o	SW 1-2	W o-1	8	2	0	.	
8	10.6	21.0	14.3	15.3	−1.6	719.7	718.2	719.5	59	38	57	NE o-1	SW o-1	N o	0	1	0	.	
9	14.8	24.2	17.1	18.7	1.7	721.3	719.4	720.2	60	35	48	NE o	SW 1	N o	0	0	1	.	
10	15.8	**25.6**	21.4	20.9	3.8	**721.5**	719.3	719.9	63	38	40	NE o	SW o	SW o	0	0	0	.	
11	18.0	25.5	18.6	20.7	3.5	720.6	717.6	717.9	65	94	47	NE o	SW 2-3	SW 3-4	0	2	5	.	p ⌐
12	15.0	21.0	14.0	16.7	−0.6	718.5	716.7	718.4	59	36	42	SW 1	SW 2	W o	4	2	0	.	
13	11.2	16.0	13.5	13.6	−3.8	718.7	717.0	714.5	66	48	62	NE o	SW 1-2	W o	10	10	10	2.5	n ($^{13}/_{14}$) ●
14	13.0	17.6	11.8	14.1	−3.6	713.2	713.0	715.8	91	39	51	NW o	SW 2	W o	10	9	3	.	
15	11.2	17.2	13.8	14.1	−3.5	716.9	714.9	714.2	63	35	38	NE o	SW o	W 1	1	7	7	3.4	
16	10.0	17.6	9.3	12.3	−5.4	713.3	710.5	713.4	96	46	89	NE o	SW o	W o	10●	9	9	**3.6**	● n–l, $18^{3}/_{4}$-$19^{1}/_{4}$
17	9.6	11.2	**7.0**	9.3	−8.5	713.1	713.5	714.9	65	43	75	SW 1	SW 2	NW o	10	10	5	0.1	●) $17^{3}/_{4}$
18	**7.0**	11.6	8.6	9.1	−8.8	713.7	712.6	713.7	65	45	58	SW o	SW 1-2	SW 1	8	6	10	.	
19	9.4	17.8	12.4	13.2	−4.8	715.1	714.2	715.3	65	32	46	NE 1	SW 1-2	SW 1	5	4	3	.	
20	10.6	18.2	10.6	13.1	−5.0	714.2	711.4	714.3	75	32	98	NE o	SW o	NW o	10	10	9	0.7	●° $16^{1}/_{2}$-18
21	10.7	18.2	13.0	14.0	−4.2	716.1	715.2	717.4	90	40	51	NW o	SW 1	SW o	10	6	2	.	
22	12.3	19.8	14.6	15.6	−2.7	719.9	718.0	719.9	76	37	54	NW o	SW 2	NW o	9	6	10	.	
23	13.7	22.6	18.6	18.3	0.0	720.6	718.7	718.0	74	46	52	NE o	SW o	W o	10	5	10	.	
24	16.9	24.0	21.0	20.6	2.2	718.6	715.5	716.0	70	45	53	NE o	NW o-1	SW o	2	3	10	0.4	
25	16.7	20.4	17.5	18.2	−0.3	715.4	714.0	712.9	98	74	90	N o	W o	W o	10●	10●	9	2.4	● $4^{1}/_{4}$, 7-$7^{1}/_{2}$, $12^{1}/_{2}$-II, 18, n
26	16.6	17.9	11.2	15.2	−3.4	711.1	711.8	713.2	85	61	75	NW o	NE o	SW o-1	8	9	4	2.8	● $9^{1}/_{4}$–$10^{3}/_{4}$, 15
27	12.2	19.0	13.2	14.8	−3.8	714.5	713.4	715.3	75	36	50	W o	W o-1	W o	3	1	0	.	
28	11.8	21.2	15.6	16.2	−2.5	716.8	714.8	716.1	67	33	33	NE o	SW 1-2	W o	0	1	5	.	
29	12.2	20.8	14.9	16.0	−2.8	717.0	715.3	717.3	75	40	48	N o	W o	NW o	8	8	7	.	
30	12.2	22.4	16.6	17.1	−1.7	718.7	716.0	717.9	66	32	48	NE o	SW 1-2	NE o	0	0	0	.	
																		Summe	
Mittel	12.5	19.3	13.8	15.2	—	716.2	714.6	715.8	73	44	57				5.7	4.9	5.3	17.9	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Juni 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	15.8	23.8	17.2	18.9	1.6	738.1	738.2	738.7	67	42	70	NNE 0	S 0	SE 0	1	2	4	.	
2	16.6	20.2	15.4	17.4	0.0	738.7	737.6	738.5	68	61	78	S 0	NE 0	N 0	6	9	0	34.0	●² ▲ 14–14½
3	15.0	23.2	15.2	17.8	0.3	738.5	736.5	734.9	65	37	69	N 0	SSE 0	N 0	1	3	9	7.0	p ●
4	14.2	16.0	11.4	13.9	−3.7	730.7	727.3	**727.2**	71	83	89	N 0	SE 0	S 0	8	10●	9	48.2	p ●², ⛆ II, 14, 15, 16, 18½
5	12.8	21.6	14.6	16.3	−1.5	727.5	728.9	733.6	63	27	28	S 0	NNE 1	NNE 1	0	3	0	.	
6	12.2	20.8	12.2	15.1	−2.8	735.8	736.2	737 3	48	37	56	W 0	SSE 0	SSE 0	0	2	0	.	
7	14.8	22.6	19 0	18.8	0.8	737.5	737.4	738.9	61	28	**23**	SSE 0	NNE 1	NE 0	0	2	0	.	
8	13.0	20.2	17.4	16.9	−1.2	743.7	743.3	743.7	47	51	60	N 0	SE 0	N 0	0	2	0	.	
9	13.4	21.8	19.2	18.1	−0 2	**744 9**	743.2	743.0	67	45	52	N 0	SE 0	N 0	0	0	0	.	
10	16.0	25.8	20.2	20.7	2.3	743.8	742.9	742.3	68	44	63	NNE 0	S 0	N 0	0	0	0	.	
11	18.2	**26.2**	21.0	21.8	3.3	741.8	739.4	737.3	67	48	72	N 0	S 0	NNE 0	0	2	6	.	
12	20.8	25.0	14.4	20.1	1.5	737.0	737.0	741.6	26	24	74	NNE 2	NNE 2	NNE 0	1	0	0	.	⌒ n–II
13	14.4	21.4	16.0	17.3	−1.5	740.9	738.5	737.0	60	40	57	NNE 0	S 0	N 0	7	3	0	.	
14	15.0	22.2	13.1	16.8	−2.1	734.5	731.9	735.1	61	48	29	N 0	S 0	NNE 2	1	4	0	.	⌒ III
15	14.8	20.2	16.4	17.1	−1.9	737.6	737.0	736.2	46	45	62	NE 0	SSE 0	W 0	1	10	7	6.4	n ($^{15}/_{16}$) ●
16	12.8	13.2	12.0	12.7	−6.4	736.0	734.9	733.5	83	81	87	W 0	W 0	W 0	10●	10●	6	6.0	●
17	16.2	21.4	14.2	17.3	−1.9	731.7	731.5	732.7	29	26	36	NE 1	NE 1	NE 1	0	0	8	.	
18	12.4	15.6	12.4	13.5	−5.8	732.6	732.5	733.9	31	28	56	NE 1	NNE 2	NNE 2	10	10	10	.	p ⌒
19	**10.8**	20.0	15.9	15.6	−3.8	735.5	735.3	735.7	60	40	57	N 0	SE 0	N 0	1	4	6	.	
20	13.6	20.2	11.8	15.2	−4.4	736.3	735.3	736.8	61	46	82	N 0	SSE 0	N 0	10	6	10●	11.9	p n ●
21	12.2	20.2	15.0	15.8	−3.9	739.5	740.4	740.1	71	46	60	NE 0	SE 0	N 0	6	3	0	.	
22	13.6	22.2	17.6	17.8	−2.0	740.9	740.1	738.9	66	46	51	N 0	S 0	N 0	0	3	0	.	
23	17.4	24.8	22.2	25.5	1.6	740.1	739.7	739.5	65	41	35	N 0	S 0	NE 1	0	3	7	.	
24	19.4	25.8	23.0	22.7	2.7	739.7	739.4	738.5	56	45	54	S 0	S 0	SW 0	1	1	10	2.2	n ($^{24}/_{25}$) ●
25	18.2	21.4	17.0	18.9	−1.2	738.0	736.9	735.3	79	57	81	W 0	NE 0	N 0	10●	9	8	19.4	a ●
26	16.4	15.8	12.6	14.9	−5.3	733.4	732.5	731.8	80	78	64	N 0	N 0	N 0	10	10	1	14.5	⛆ 13–13½, ● 12–15
27	13.8	22.6	18.2	18.2	−2.1	734.3	734.5	736.5	68	47	50	NNE 0	SE 0	SE 0	0	1	10	8.4	⛆ ● 20½, n ●
28	13.8	16.8	15.8	15.5	−4.9	740.1	740.1	739.6	83	61	60	SE 0	S 0	S 0	10	7	10	.	
29	15.6	21.0	15.4	17.3	−3.1	739.4	738.6	738.7	62	42	65	N 0	SE 0	N 0	8	7	0	1.2	⛆ ● 14½–15
30	13.8	23.6	20.2	19.2	−1.3	739.9	739.2	739.1	67	42	54	N 0	S 0	N 0	0	0	0	.	
Mittel	14 9	21.2	16.2	17.4	—	737.6	736.9	737.2	62	46	59				3.4	4.2	4.0	Summe 159.2	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Juni 1923.
Bernoullianum.

Tag																			
1	13.2	19.4	13.6	15.4	0.0	739.5	739.0	740.0	84	58	89	E 1	W 1	W 1	6	7	0	.	
2	12.0	18.6	14.4	15.0	−0.5	740.9	739.6	739.3	86	70	89	E 1	N 1	N 0	7	8	0	.	
3	10.6	16.4	15.1	14.0	−1.6	738.5	736.7	733.9	97	77	88	W 0	W 1	S 0	10	2	0	.	●° 8 [⌒ II, ● 22³/₄–n
4	13.4	13.8	9.8	12.3	−3.4	729.8	**729.0**	730.9	82	70	74	W 1	W 2	SW 1	10	10	10	4.0	●° 8¼–9, 14½, 16¼–16¾,
5	8.2	10.0	9.2	9.1	−6.8	732.9	734.9	737.8	92	75	79	NW 1	W 1	W 1	10	10●	10	0.3	▲° 1¼, ●°–2¼
6	9.2	12.2	11.3	10.9	−5.1	738.9	739.2	739.9	74	57	67	S 1	W 2	SW 1	10	10●	10	0.7	⌒ II, ●° 12½–14¾
7	9.8	13.0	10.4	11.1	−5.0	741.6	743.0	743.8	86	66	70	W 2	W 1	NW 1	10●	8	6	2.0	● ⌒ I–9¼
8	8.4	17.2	13.4	13.0	−3.2	744.5	743.0	743.5	73	40	82	SE 1	E 2	SW 1	2	5	1	.	
9	12.0	21.6	16.6	16.8	0.5	744.4	743.4	744.1	72	43	70	E 1	W 1	S 1	3	3	2	.	
10	15.2	**24 2**	19.6	19.7	3.3	744.4	743.0	743.6	71	46	67	S 1	SW 1	S 1	1	1	1	.	
11	17.6	20.6	15.0	17.7	1.2	743.7	743.1	744.9	72	59	64	SE 1	W 2	W 1	4	7	10	.	⌒ II
12	12.4	16.2	11.4	13.3	−3.4	**745.9**	745.4	744.6	70	**30**	67	N 1	N 3	NW 1	6	5	1	0.2	⌒ II
13	9.0	13.8	11.6	11.5	−5.3	742.3	740.4	737.6	86	63	95	SE 1	NW 1	W 1	10●	10	10●	4.7	● 7¼–9¼, 18¼–22¼
14	13.0	14.2	11.6	12.9	−4.0	736.7	738.4	740.6	86	59	80	W 1	W 2	W 1	10	10	10	.	●° 10½, 12, 20¼–20½,
15	9.4	13.6	12.0	11.7	−5.3	741.3	740.7	738.4	69	47	61	W 1	N 1	S 1	6	7	10	2.2	[⌒ II
16	10.0	14.4	9.6	11.3	−5.8	733.3	733.0	736.0	93	84	89	E 1	W 2	SW 1	10●	9	10●	7.2	● 3–9½, 12–12¼, 15–18½, *)
17	7.0	9.4	7.0	7.8	−9.4	738.0	738.1	739.5	80	59	85	W 2	W 2	SW 1	10	10	9	4.0	⌒ n–II, ● 12¼–16½
18	**6.6**	10.8	8.6	8.7	−8.6	739.1	738.6	739.1	91	63	92	NW 1	NW 2	SE 1	10●	10	10	1.0	● 6¼–8¼, 20, 22½–23½,
19	8.8	14.6	12.6	12.0	−5.4	739.8	739.6	739.2	89	60	70	W 1	W 1	W 1	10	8	10	.	[⌒ II
20	10.2	13.2	10.6	11.3	−6.2	736.2	736.1	738.7	84	84	95	E 1	S 1	S 1	10	10	10	4.6	● 8½–9¾, 11½, 15¾–18
21	9.6	15.4	12.8	12.6	−4.9	741.6	741.5	743.0	92	53	73	W 1	W 1	N 1	10	6	10	.	
22	9.4	14.8	12.6	12.3	−5.3	744.0	743.7	744.0	81	66	95	E 1	W 1	S 1	8	10	10●	3.4	● 14½–1¼
23	13.6	19.0	15.6	16.1	−1.6	744.2	743.5	744.1	98	70	96	S 1	W 1	E 1	10	9	10	0.5	● 3–3¾, ●° 16½–20
24	16.4	20.8	18.5	18.6	0.8	742.7	740.8	739.4	88	66	72	E 1	W 1	W 1	3	8	3	.	
25	17.0	23.0	18.4	19.5	1.6	738.3	736.2	735.3	80	56	75	E 1	N 1	NW 1	5	7	7	.	●° 14¼–15
26	14.6	10.4	9.6	11.5	−6.5	734.8	736.8	739.3	74	90	86	SW 1	N 1	NW 1	10	10●	10	1.5	● 11¾–14
27	9.2	15.2	12.2	12.2	−5.9	740.2	740.0	740.9	84	49	63	NW 1	N 1	NW 1	10	7	3	.	
28	9.3	14.6	13.4	12.4	−5.7	741.5	741.3	741.3	80	61	73	SE 1	NW 2	NW 1	7	9	4	.	⌒ II
29	9.6	17.8	13.2	13.5	−4.7	741.2	740.6	741.5	89	51	88	SE 1	NW 1	SW 1	10	8	2	.	●° 13¾, 15¼–15¾
30	12.5	21.4	16.2	16.7	−1.6	741.7	740.8	740.3	85	45	73	SE 1	W 1	S 1	3	3	1	.	
Mittel	11.2	16.0	12.9	13.4	—	740.1	739.6	740.2	83	61	79				7.7	7.6	6.3	Summe 36.3	*) **16.** 21–23, ⌒ II

Juni 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$,
$Hb = 2500.1^{m}$, $G = -0.16\,‰$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−0.2	5.0	0.9	1.9	0.9	564.3	565.4	566.2	100	79	100	WSW 2	WSW 1	N 1	10≡	10≡	10≡	2.0	≡, n ✳
2	−0.8	1.8	0.4	0.5	−0.6	565.7	565.4	565.5	100	100	97	NE 2	WNW 0	NNW 0	10≡✳	10≡△	2	3.0	a ✳ ⚶, ≡, ⚿ ● △ II, *)
3	3.0	5.2	0.7	3.0	1.7	563.8	563.8	560.5	42	93	100	W 1	W 2	W 3	2	10	10≡✳	7.2	≡ ⌣ −≡, ⚿ ▲ $19^{3}/_{4}$, ✳-n
4	−0.6	−1.4	−5.2	−2.4	−3.8	556.8	**554.8**	**554.8**	100	100	100	W 3	WSW 3	W 1	10≡✳	10≡△	10≡✳	52.0	≡ ✳² ⚶, △ II
5	−6.0	−4.0	−6.9	−5.6	−7.1	555.1	556.9	559.4	100	100	100	S 0	WSW 1	W 1	10≡✳	10≡✳	10≡✳	11.3	≡ ✳ △ ⚶
6	−6.6	−5.0	−5.0	−5.5	−7.1	559.8	560.7	562.5	100	100	100	W 2	WSW 2	W 2	10≡	10≡✳	10≡✳	**72.2**	≡, ✳² ⚶ 9-n
7	−4.6	−4.4	−6.0	−5.0	−6.7	562.1	564.2	565.5	100	100	100	SW 2	SW 1	WSW 0	10≡✳	10≡△✳	8	20.7	≡ ✳ ⚶, △ II
8	−2.2	−1.8	−1.2	−1.7	−3.5	566.2	567.6	568.7	100	26	94	SW 0	SW 1	W 4	0	2	5	.	🌧 III-n
9	0.0	3.2	3.5	2.2	0.3	568.7	570.1	571.0	52	72	100	W 3	WSW 2	W 3	2	4	3	.	
10	8.4	**10.0**	6.0	8.1	6.1	571.3	**571.7**	571.4	**18**	82	100	WSW 1	WSW 1	W 2	0	0	7	.	≡ 16-n
11	4.8	6.7	0.6	4.0	1.9	569.8	569.2	568.3	100	95	100	WSW 3	WSW 3	WNW 2	10≡	10≡	10≡●	20.7	≡, ● III-n
12	−2.3	−2.4	−3.8	−2.8	−5.0	566.7	567.1	566.8	100	100	100	N 0	WNW 1	SW 2	10≡✳	10≡	0	.	✳ n-l, ≡
13	−3.8	−2.0	0.6	−1.7	−4.0	564.0	563.4	562.5	97	100	100	WSW 3	WSW 4	WSW 4	9	10≡	10≡	22.9	🌧, ≡ 8-n, ✳ ⚶ $9^{1}/_{2}$-III, *)
14	−1.8	−2.0	−3.2	−2.3	−4.7	560.2	561.5	562.9	100	100	100	W 3	WSW 1	WSW 1	10≡	10≡✳	10≡	19.9	≡, ⚿ 11, ✳ $11^{1}/_{2}$-III, *)
15	−4.0	−2.0	−2.2	−2.7	−5.2	562.3	563.4	562.7	100	100	94	WSW 2	SW 1	SW 1	10≡	7	10≡	3.6	≡ a, 16-n, ⨁ $12^{3}/_{4}$-14, *)
16	−1.6	−0.2	−4.4	−2.1	−4.6	559.2	558.8	558.6	100	100	100	SW 3	WSW 4	W 4	10≡✳	10≡✳	10≡✳	45.9	≡ ✳² ⚶, p 🌧, ⚿ $18^{3}/_{4}$
17	−5.9	−6.8	−8.5	−7.1	−9.7	558.7	558.5	559.6	100	100	100	WSW 2	SW 3	SW 2	10≡✳	10≡✳	10≡✳	17.9	≡ ✳ ⚶
18	−8.8	−6.1	−6.2	−7.0	−9.7	558.6	559.4	560.1	100	100	100	N 2	N 1	N 1	10≡✳	10≡✳	10≡✳	4.7	≡ ✳
19	−4.6	−2.2	−3.4	−3.4	−6.2	560.8	562.1	562.5	100	100	100	N 3	NW 1	SW 1	10≡✳	10≡✳	10≡✳	7.7	≡ ✳
20	−3.4	−1.0	−2.4	−2.3	−5.2	560.6	560.9	562.4	100	100	100	WSW 2	SW 2	WSW 1	10≡✳	10≡✳	10≡	5.1	≡ ✳
21	−1.0	0.2	−1.8	−0.9	−3.9	563.5	564.6	565.9	100	92	100	SW 1	WSW 0	SW 0	8	10≡	10≡	.	p ≡
22	−2.0	0.1	−1.2	−1.0	−4.1	565.9	566.8	567.2	100	94	100	SW 2	SW 2	WSW 3	8≡	10≡	10≡✳	21.8	⨁ l, ≡, p ✳
23	0.0	1.6	2.4	1.3	−1.9	567.9	568.8	569.4	100	100	100	SW 1	WNW 1	W 2	10≡	10≡	10≡●	12.2	⨁ l, ≡, p ●
24	3.0	7.4	5.0	5.1	1.8	568.6	568.6	567.9	92	60	100	NE 2	E 1	SW 2	1	7	10≡	.	≡ III-n
25	5.5	5.0	3.0	4.7	1.3	565.8	565.2	563.6	89	89	100	SW 2	WSW 3	SW 3	10	10≡	10≡●	62.4	≡, p ⚿, ▲ 19-20, *)
26	0.8	−0.4	−2.2	−0.6	−4.1	561.3	560.7	561.5	100	100	100	SW 3	W 3	NW 1	10≡●▲	10≡✳	10≡✳	25.5	⚿ ●² ▲ l, ≡ ✳²
27	−2.3	0.5	−3.8	−1.9	−5.5	561.7	563.2	564.6	100	89	84	NW 1	SW 1	WSW 1	10≡	10≡✳	2	.	≡ n-17, ✳° 10-11
28	−0.2	3.2	−1.9	0.4	−3.3	564.1	565.0	565.4	51	81	100	WSW 1	SW 1	SW 2	1	6	10≡	.	≡ $16^{1}/_{2}$-n
29	−1.6	−0.5	−2.0	−1.4	−5.1	564.5	565.0	565.9	79	100	100	WSW 2	SW 1	W 2	2	10≡✳	10≡	14.6	≡ 10-n, ▲ $9^{1}/_{4}$, ✳-III,
30	−1.0	3.2	1.5	1.2	−2.6	565.8	566.8	567.3	65	89	53	WSW 1	SW 2	WSW 3	0	2	1	.	≡ $16^{1}/_{2}$, 🌧 III [p ⚿
																		Summe	
Mittel	−1.3	0.4	−1.6	−0.8	—	563.5	564.0	564.3	90	91	97				7.4	8.6	8.3	453.3	

*) **2.** △ $18^{1}/_{2}$ *) **13.** ●-12 *) **14.** ▲ $14^{3}/_{4}$ *) **15.** n ✳ *) **25.** ●²-n, ≺ III

Juni 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$Hb = 2102.9^{m}$, $G = -0.14\,‰$.

1	6.7	7.3	3.2	5.7	2.5	593.2	593.8	594.6	85	48	85	N 2	N 1	N 1	10≡	3	10≡	.	≡ n-$10^{1}/_{4}$, $18^{1}/_{4}$-n
2	2.4	5.5	3.0	3.6	0.3	594.0	593.8	594.1	63	57	75	N 2	N 2	N 2	2	0	0	.	
3	5.0	10.4	3.0	6.1	2.7	592.5	592.1	590.3	47	44	74	N 0	SE 1	N 0	0	4	0	.	
4	4.1	4.7	−1.5	2.4	−1.1	586.2	584.1	**583.0**	65	44	85	N 0	SE 1	N 4	3	10●	10≡	**11.5**	● 12-$15^{1}/_{4}$, ≡ 🌧 20-n,
5	−3.0	−2.1	−4.5	−3.2	−6.9	583.1	585.6	588.4	85	82	82	N 4	N 3	N 4	10≡	10≡	10≡	3.2	≡ 🌧, n ✳ [n ✳
6	−3.8	−1.0	−2.0	−2.3	−6.1	589.5	590.7	591.6	85	56	83	N 2	N 2	N 2	7≡	3	10✳	9.6	≡ n-10, ✳ 21-n
7	−1.5	−1.1	−2.5	−1.7	−5.6	591.8	593.5	594.2	80	85	98	N 3	N 4	N 4	10≡	10≡	0≡	2.0	≡ ✳ 🌧
8	−0.1	8.8	2.0	3.6	−0.4	595.2	596.4	597.5	40	**31**	62	NE 0	NE 0	NE 1	0	0	0	.	
9	5.1	9.1	3.6	5.9	1.8	597.6	598.5	598.7	39	42	51	N 2	N 1	N 0	0	0	0	.	
10	8.5	**12.2**	8.5	9.7	5.5	599.2	599.8	**599.9**	45	43	75	N 1	N 0	N 1	0	0	0	.	
11	6.2	10.0	2.1	6.1	1.7	598.3	596.6	596.3	62	50	83	N 2	N 2	N 4	0	0	10●	2.0	● 🌧 20-n
12	−1.0	1.2	−1.2	−0.3	−4.8	594.8	595.1	595.4	85	72	78	N 4	N 4	N 4	10≡	0	0	.	≡ n-11, 🌧
13	0.7	1.6	3.6	2.0	−2.6	593.3	593.0	591.7	49	78	63	N 1	N 2	N 1	4	10	3	2.5	
14	2.2	1.9	−1.2	1.0	−3.7	589.5	590.2	591.4	78	63	83	N 1	N 3	N 3	10●	10	10✳	7.5	● n-9, p 🌧, ✳ III-n
15	−2.2	3.7	0.2	0.6	−4.2	591.8	592.3	591.6	73	48	89	N 3	N 2	N 1	0	10	10≡	6.8	🌧 n-l, ≡ $20^{1}/_{2}$-n, n ✳
16	1.2	4.3	−1.0	1.5	−3.4	589.0	588.4	587.9	78	90	99	SE 1	SE 0	N 3	10✳≡	10≡	10≡	10.5	✳ ≡, 🌧 III-n
17	−3.2	−3.6	−5.2	−4.0	−9.0	586.9	588.0	587.8	83	97	82	N 4	N 4	N 4	10≡	10≡	10✳	9.9	≡ n-$14^{3}/_{4}$, 🌧, ✳ III-n
18	−5.6	−3.6	−4.2	−4.5	−9.6	587.4	587.4	588.3	82	82	98	N 4	N 4	N 4	10≡	10≡	10≡	10.8	≡ 🌧, n ✳
19	−3.8	−0.2	−1.6	−1.9	−7.1	589.2	591.2	591.6	82	73	91	N 4	N 3	N 4	10≡	7	10≡	.	≡ n-10, 21-n, 🌧
20	−0.9	4.3	−0.4	1.0	−4.3	590.1	590.0	590.7	70	59	88	N 0	N 0	N 1	10	10	10≡	6.9	≡ $21^{1}/_{4}$-n, n ✳
21	−0.8	3.8	0.2	1.1	−4.3	592.3	593.2	594.7	83	69	93	N 1	N 1	N 2	10≡	10	10≡	.	≡
22	−0.4	4.8	1.4	1.9	−3.6	595.0	595.5	596.1	79	45	93	NE 2	NE 1	N 2	4	5	10≡	.	≡ $17^{1}/_{4}$-n
23	2.0	4.7	4.1	3.6	−2.1	596.6	597.0	597.5	84	71	89	N 4	N 4	N 4	10≡	7≡	10●≡	1.8	🌧 ≡, ● 20-n
24	4.4	11.8	5.6	7.3	1.5	597.0	596.4	596.3	63	50	88	N 2	N 0	N 1	0	0	10≡	.	≡ 21-n
25	6.0	9.9	6.0	7.3	1.3	594.5	593.8	592.5	83	55	71	N 2	N 0	N 0	2	10	10≡	1.4	≡ $19^{1}/_{2}$-n, n ●
26	5.8	3.6	0.0	3.1	−3.0	589.8	589.2	589.4	63	69	85	N 1	N 3	N 4	5	10	10≡	6.1	p 🌧, ≡ 20-n, n ●
27	−1.6	2.2	0.0	0.2	−6.0	590.4	591.5	592.1	83	49	98	N 2	N 2	N 3	10≡	0	10≡	.	≡ n-$9^{1}/_{4}$, $18^{1}/_{2}$-n, 🌧 III
28	0.3	4.6	1.4	2.1	−4.2	593.0	593.7	594.0	53	50	95	N 0	N 3	N 2	3	0	10≡	.	🌧 II, ≡ $19^{1}/_{2}$-n
29	0.2	1.9	1.5	1.2	−5.2	593.2	594.0	594.1	83	57	90	N 2	N 3	N 3	10≡	5	10≡	.	≡ n-10, $20^{3}/_{4}$-n, p 🌧
30	1.1	7.3	4.4	4.3	−2.2	594.6	595.3	595.3	69	47	40	N 3	N 2	N 0	0	0	0	.	🌧 n-l
																		Summe	
Mittel	1.1	4.3	0.9	2.1	—	592.3	592.7	592.9	71	60	82				5.7	5.5	7.4	92.5	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

Juli 1923.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰		
1	**12.3**	22.8	18.4	17.8	0.6	715.1	713.5	713.3	78	39	62	SW 0	SW 1	SW 0	8	7	9	.	
2	14.8	19.4	16.4	16.9	−0.4	713.9	713.0	713.2	76	50	77	W 0	NW 1	NNE 0	9	8	10	0.2	●° 21³/₄–22
3	14.4	21.4	17.8	17.9	0.6	713.4	713.0	713 8	90	49	73	NNE 0	NW 0	NE 0	10	7	10	.	
4	15 4	23.6	19.4	19.5	2.1	715.2	714.7	715.1	80	52	63	SE 0	NW 1	NE 0	0	0	0	.	
5	16.6	25.3	20.7	20.9	3.4	716.7	716.0	716.1	79	55	60	NE 0	NE 1	NNE 0	2	1	0	.	
6	15.8	25.2	20.2	20.4	2.9	716.7	716.2	716.6	78	50	64	NE 0	NE 1	NNE 0	0	0	0	.	
7	17.0	27.2	22.4	22.2	4.6	717.1	715,8	715.1	78	45	60	NNE 0	NE 1	NE 0	0	0	0	.	
8	19.3	27.2	21.0	22.5	4.8	715.3	714.9	715 3	77	48	71	E 0	NW 1	SE 0	0	4	10	0.1	◁ III, ◹ ●° 23–23¹/₄
9	18.9	26.9	21.7	22 5	4.8	715.3	713.9	715.0	79	51	65	SE 0	NE 1	W 1	0	0	8	.	
10	17.6	28.1	22 9	22.9	5.1	715.7	714.7	714.7	81	41	68	S 0	N 0	NE 0	0	1	0	.	
11	19.4	28.4	23.1	23.6	5.8	717.7	717.1	717.9	73	49	67	SE 0	N 0	NE 0	0	0	10	.	
12	20.2	28.8	22.6	23.9	6.0	719.3	719.0	718.7	78	48	77	NE 0	NE 0	SE 0	0	0	6	.	
13	20.8	**30.4**	24.3	25.2	7.3	718.9	710.1	718.9	71	38	45	NW 0	SW 0	SE 1	5	5	10	.	
14	19.5	28.4	24.4	24 1	6.2	718.1	718.0	716.9	71	49	70	N 0	N 0	NW 0	8	3	0	.	●° 10 [20–1
15	20.1	28.2	17.8	22.0	4.1	716.8	715.0	715.3	66	**34**	89	W 1	SSW 1	W 0	10	4	10●	1.5	●° 14, 17³/₄–18¹/₄, ◹° III, ●
16	17.4	24.0	16.2	19 2	1.2	715.0	713.9	714.9	83	47	98	SW 0	W 1	W 0	10	9	10	3.8	● 14³/₄–n
17	18.2	23.5	17.2	19.6	1.6	714.1	712.9	714.1	89	57	93	SE 0	W 1	SW 0	4	8	10●	14.2	● 19–n
18	15.4	15.8	15.8	15.7	−2.3	713.6	713.9	714 8	98	92	97	NNE 0	NW 0	SW 0	10●	10●	9	13.4	● I–18
19	15.6	20.7	17.0	17.8	−0.2	715.3	715.5	716.9	86	60	71	SW 0	NE 0	NNE 0	8	4	9	.	
20	14.4	22.0	18.3	18.2	0.2	718 8	718.9	720.0	85	41	62	E 0	N 1	NE 0	0	1	0	.	
21	15.2	24.3	19.4	19.6	1.6	**720.3**	719.2	719.2	78	53	75	N 0	NE 1	NE 0	0	0	0	.	
22	17.2	25.7	19.5	20.8	2.8	719.6	718.3	718.5	78	39	69	SE 0	NE 1	N 0	0	2	7	.	
23	16.4	25.4	19.9	20.6	2.6	717.4	715.6	713.9	82	36	72	E 0	SW 0	SW 0	5	1	6	.	
24	17.0	22.2	18.4	19.2	1.2	712.2	712.9	713.9	76	65	81	SW 0	W 0	S 0	10	10	5	1.1	● 14–14¹/₂, ●° 19
25	17.0	24.3	20.8	20.7	2.7	714 9	713.9	713 6	89	46	63	S 0	W 2	W 0	6	2	8	.	⌿ II
26	20.3	22.7	18.6	20.5	2.5	712.9	712.4	712.5	66	48	79	SW 2	W 3	SW 0	6	9	10	.	⌿ n–p
27	16.5	22.0	16.0	18.2	0.2	713 2	712.9	712.9	67	37	67	SW 1	W 2	NE 0	7	1	3	.	⌿ II
28	13.7	23.1	18.5	18.4	0.5	712.5	711.0	709.6	76	35	63	NE 0	NE 0	W 0	0	0	2	0.1	⌓ I
29	17.7	22.0	17.5	19.1	1.2	710.3	710.6	712.4	68	49	76	W 1	SW 1	W 0	8	8	10	1.2	●° 4–5, ● 11–12, 14–15
30	16.0	24.2	18.2	19.5	1.6	711.9	711.1	711.2	76	40	65	SW 0	SW 3	SW 0	7	6	2	.	⌿ 10–16
31	16.4	24 0	17.6	19.3	1.5	710.1	708.6	**706 8**	73	45	91	S 0	SW 1	SW 0	5	9	10●	**21.7** Summe	● 20–20¹/₄, ◹ ●² 20³/₄–2
Mittel	17.0	24.4	19.4	20.3	—	715.4	714.7	714.9	78	48	72				4.5	3.9	5.9	57.3	

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$.
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

Juli 1923.
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1	**12.9**	23.7	19.1	18.6	−0.4	722.1	720.2	720.1	82	44	57	SE 1	SW 1	N 2	8	7	6	.	
2	17.2	20.8	17.2	18.4	−0.7	720.6	719.8	719.9	72	46	62	NE 1	NW 1	N 1	6	8	10	.	≡° I
3	16.9	23.4	19.4	19.9	0.7	720.4	719.9	720.7	75	50	57	E 1	E 1	N 2	6	6	8	.	
4	16.6	27.8	21.2	21.9	2.7	722.2	721.7	721.9	81	43	56	E 1	SE 1	N 1	2	2	0	.	
5	17.4	29.6	23.0	23.3	4.0	723.5	723.0	722.9	80	41	45	E 1	E 1	N 1	2	0	0	.	
6	18.4	28.4	22.6	23.1	3.7	723.5	723.1	723.5	72	47	41	E 1	E 1	NE 1	0	0	0	.	
7	18.2	28.9	23.2	23.4	4.0	724.1	722.6	721.9	75	44	58	NE 1	SE 1	NE 1	3	2	0	.	
8	19.7	28.2	22.2	23.4	3.9	722.1	721.6	722,0	81	52	67	SE 1	E 1	SE 1	2	7	7	.	◹ ●° 17–18, ◁–n
9	19.4	31.3	20.3	23.7	4.2	722.0	720.8	722.1	81	38	73	E 1	E 1	W 1	0	2	8	.	⌿ 20–20¹/₂
10	18.6	29.0	23.6	23.7	4.1	722.6	721.6	721.4	84	47	52	E 1	SE 1	N 1	0	3	1	.	
11	20.5	31.5	25.8	25.9	6.3	724.3	724.1	724.6	79	49	45	NE 1	SE 1	NE 1	4	2	6	.	≡° III
12	20.8	31.3	26.0	26.0	6.4	726.0	725.7	725.3	70	43	46	E 1	SE 1	NE 1	1	2	4	.	◹ 15–16¹/₂
13	21.9	31.7	23.6	25.7	6.0	726.0	726.8	725.6	68	43	53	NE 0	SW 1	N 1	5	7	4	.	≡° n–II
14	21.4	**32.1**	25.3	26.3	6.6	725.9	724.5	723.5	78	41	50	NE 1	SE 1	NE 1	7	6	0	.	
15	22.2	29.5	20.1	23.9	4.1	723.8	721.6	722.1	63	**36**	65	SW 1	SW 1	W 2	7	7	9	.	●° 8¹/₂, 12, ⌿ ◁ III
16	18.7	23.8	17.4	20.0	0.2	721.7	720.7	721.8	69	50	81	W 1	SW 2	NW 1	10	9	10	3.7	● 14–18¹/₄
17	19.4	23.8	19.2	20.8	1.0	721.0	719.7	720.8	80	63	83	E 1	W 1	NW 1	5	9	10	3.4	●° 13³/₄–14, 17¹/₂, ⌿ *)
18	16.1	16.6	15.0	15.9	−3.9	720.6	721.2	721.8	94	94	93	NW 0	SW 1	N 1	10	10	7	8.1	● n–16
19	15.4	24.3	18.3	19.3	−0.5	722.3	722.4	723.4	90	48	56	E 1	SW 1	N 2	8	7	2	.	⌿ III
20	15.8	26.3	17.7	19.9	0.1	725.7	725.9	726.8	80	45	75	NE 1	SE 1	N 1	0	4	0	.	⌿ 18–20
21	18.0	28.8	23.4	23.4	3.5	**727.2**	726.1	725.8	74	41	41	E 1	E 2	E 2	0	1	0	.	p ⌿
22	18.7	29.2	22.6	23.5	3.6	726.5	725.3	725.0	73	45	51	NE 1	SE 1	N 2	1	4	0	.	⌿ 16¹/₂–n
23	17.4	26.9	22.9	22.4	2.5	724.4	722.2	720.3	80	44	54	NE 1	S 1	N 1	7	7	2	.	≡° n–II
24	17.8	24.8	21.4	21.3	1.5	719.9	719.6	720.4	80	55	58	NE 1	SW 1	N 2	9	9	8	0.2	●° 11¹/₂, 14, ⌿ 21–n
25	19.2	28.1	21.1	22.8	3.0	721.7	720.8	720.3	85	48	65	SW 1	SW 2	NW 2	7	5	2	.	●° n–I, p ⌿
26	20.3	22.4	19.6	20.8	1.0	719.8	719.4	719.1	64	56	69	NW 1	NW 3	NW 2	7	7	5	.	p n ⌿
27	18.0	24.9	17.4	20.1	0.3	720.3	719.6	719.9	58	54	57	NW 2	NW 2	NE 1	3	4	2	.	⌿ n–20
28	14.2	26.1	18.9	19.7	−0.1	719.3	717.3	716.2	74	**36**	56	NE 1	S 1	NW 1	0	0	6	0.8	≡° III, n ●°
29	18.6	22.3	17.8	19.6	−0.2	717.0	717.6	719.3	54	54	64	W 2	W 1	NW 1	9	9	7	0.2	●° 10–11, 14
30	18.1	24.0	18.6	20.2	0.5	718.7	718.2	718.0	69	47	63	W 2	W 2	NW 1	7	7	2	.	●° 10–I, ⌿–p
31	19.0	25.4	21.1	21.8	2.1	716.4	714.7	**712.5**	65	49	61	W 1	SW 2	W 1	7	10	10	6.9 Summe	≡° I, ●° 20¹/₂–22, ●–n
Mittel	18.3	26.6	20.8	21.9	—	722.3	721.5	721.6	75	48	60				4.6	5.3	4.4	23.3	*) **17.** 16–20¹/₂, ● 18¹/₂–19¹/₂

Juli 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\,‰$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	14.0	22.4	18.1	18.2	0.8	724.1	723.4	722.1	68	39	54	S o	NW 2	NW o	7	6	9	.	↙ II
2	15.8	18.3	14.6	16.2	−1.2	723.1	722.5	723.1	79	55	97	N o	N 2	W o	9	9	10●	8.3	↙ II, ● $19^{1}/_{4}$–n
3	13.7	20.6	16.2	16.8	−0.7	723.3	722.5	723.4	98	48	80	NW o	NW o	E o	10●	6	3	0.3	●° I
4	14.3	24.1	18.4	18.9	1.4	724.5	724.1	724.8	84	50	70	SE o	NW 1	NE o	o	4	2	.	
5	16.2	25.2	18.8	20.1	2.5	725.8	725.5	725.7	80	40	70	E o	N 1	N o	1	5	3	.	
6	15.9	23.7	19.5	19.7	2.0	725.9	725.4	726.1	80	54	75	SE o	NWo-1	E o	o	1	o	.	
7	16.6	26.1	20.8	21.2	3.5	726.4	724.7	724.9	85	47	64	W o	NWo-1	NW o	2	1	3	.	
8	19.2	26.6	20.8	22.2	4.4	724.5	723.3	724.9	82	44	62	NE o	NWo-1	S o	6	4	3	.	
9	18.9	26.4	21.2	22.2	4.4	724.8	723.7	724.1	79	50	62	N o	N 1	NE o-1	3	5	10	0.9	↖ ●° $19^{1}/_{2}$
10	19.0	26.2	21.9	22.4	4.5	724.9	723.6	724.4	70	52	59	NW o	NWo-1	SE o	1	1	o	.	
11	19.4	27.2	23.4	23.3	5.4	726.9	726.2	728.2	70	50	67	NE o	NW o	E o	o	o	o	.	
12	19 9	21.7	21.9	21.2	3.3	728.5	728.0	727.4	80	50	73	SW o	NW o	NE o	o	1	o	.	
13	20.4	26.8	24.0	23.7	5.7	727.6	729.7	728.8	70	49	45	E o	NEo-1	SE o-1	o	10	7	.	
14	23.1	28.9	21.7	24.6	6.6	728.0	726.9	726.2	45	42	80	W o	W o	SW o	2	4	2	1.5	● 16, $19^{1}/_{2}$
15	25.4	27.0	17.4	23.3	5.3	724.0	723.5	724.9	43	42	94	SW o	NW 2-3	SE o	7	10	10	17.5	↙ II, ● 15, ↖ ● ↙ 19
16	17.4	22.6	17.5	19.2	1.1	724.7	723.1	724.6	95	56	95	W o	NW o	NW o	10●	6	10	15.7	● l, p
17	17.2	25.1	19.0	20.4	2.3	723.5	721.3	722.9	86	49	97	W o	NW 1	NW o	1	4	10	29 4	n ($^{17}/_{18}$) ●²
18	17.3	17.8	16.1	17.1	−1.0	722.8	722.8	724.4	93	75	85	NW o	NW o	NW o	10●	10●	10	8.8	● n–II
19	15.3	18.4	15.5	16.4	−1.7	724.8	725.3	727.1	94	62	96	NW o	NWo-1	NW o	10	10	10●	6.4	p ●
20	14.4	22.2	17.7	18.1	0.0	728.5	727.8	729.8	92	44	80	E o	NWo-1	NW o	o	3	7	.	
21	15.2	23.4	18.2	18.9	0.7	730.2	728.5	728.6	83	55	85	N o	NWo-1	NE o	o	2	o	.	
22	17.0	25.1	19.2	20.4	2.2	729.0	727.6	727.5	82	61	70	NE o	NWo-1	NE o	3	3	o	.	
23	17.0	24.6	18.1	19.9	1.7	726.6	724.3	723.3	74	44	64	S o	NW 1	SE o	7	7	o	.	
24	18.3	22.3	17.8	19.5	1.3	721.9	722.5	723.4	60	68	84	NW o	NW o	E o	8	10●	10	2.2	● II
25	17.3	24.1	19.3	20 2	2.0	724.1	722.6	722.6	93	45	90	NE o	NW o	E o	9	5	9	.	
26	18.9	22.7	22.0	21.2	3.0	721.4	720.0	720.2	77	54	44	NW o	N o	NW 1	2	8	10	.	
27	18.8	21.0	17.1	19.0	0.8	721.8	722.0	722.6	54	44	75	W 1–2	NWo-1	NE o	8	7	8	.	
28	14.0	21.6	17.7	17.8	−0.4	721.8	719.6	728.5	76	55	80	SE o	NWo-1	NW o	o	o	5	.	
29	16.4	21.2	17.2	18.3	0.2	719.5	720.0	721.8	89	88	85	SE o	E o	NW o	10	7	10	1.2	● 13
30	17.8	24.3	18.7	20.3	2.2	720.7	719.8	720.7	70	46	67	NW o	NWo-1	NE o	8	5	6	.	
31	16.1	25.2	22.2	21,2	3.1	718.8	716.5	714.0	76	45	53	N o	NW o	NW o	2	4	8	11.3	n ($^{31}/_{1}$) ●
																		Summe	
Mittel	17.4	23.6	19.1	20.1	—	724.6	723.8	724.2	78	52	74				4.4	5.1	5.6	103.5	

Juli 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,‰$.

1	15.7	25.2	20.5	19.3	1.1	729.6	727.9	727.7	72	39	61	SSW o	SW 1	SW o	o	3	2	.	
2	19.0	24.8	18.7	19.8	1.5	727.6	726.5	726.9	54	35	61	SW o	SW 1	NNE o	o	7	3	.	
3	17.6	22.4	18.6	18.8	0.5	727.6	726.7	727.7	71	48	77	SE o	NNE 1	NE o	o	1	o	.	
4	17.2	22.9	21.0	19.9	1.5	729.1	728.7	729.1	78	55	64	SW o	NNE 1	NNE o	o	1	o	.	
5	18.0	24.2	21.9	21.2	2.8	730.5	729.8	729.9	74	54	70	SSW o	NNE 1	NW o	o	o	o	.	
6	19.4	24.2	24.2	21.9	3.4	730.8	730.0	730.5	70	57	58	NNE 1	NNE 1	NNE 1	o	o	o	.	
7	20.0	24.0	23.0	21.7	3.2	731.1	729.3	728.6	74	66	66	SW o	NNE 1	NNE 1	o	o	o	.	
8	20.2	30.8	20.7	22.5	3.9	729.3	728.5	729.7	80	44	77	NNW o	SW 1	SSW o	o	4	o	.	↖ 15
9	19.4	26.2	17.1	20.8	2.2	729.1	728.0	729.6	83	48	92	SW 1	NNE 1	SE 1	o	o	10	44.7	↖ $18^{1}/_{4}$, ●²–$20^{1}/_{4}$
10	18.2	25.2	23.7	21.7	3.0	729.7	728.5	729.0	88	46	64	SW o	NNE 1	SW o	o	o	9	.	
11	21.0	27.7	23.8	24.1	5.4	731.1	731.2	731.6	73	47	70	NNE 1	NNE 1	NNE o	1	2	2	.	
12	21.8	26.0	25.2	23.9	5.2	733.2	732.7	732.4	70	60	66	SSW o	NNE 1	NNE o	1	1	2	.	
13	22.6	27.0	22.7	23.9	5.1	733.3	733.6	732.5	76	57	77	SW 1	NNE o	SSW o	9	9	o	.	
14	21.6	26.2	25.7	24.4	5.6	733.3	731.4	731.0	74	58	45	S o	NNE 1	SSW o	8	2	o	.	
15	24.0	29.0	22.3	23.7	4.9	731.1	728.8	730.1	46	34	64	SSW 1	SW 1	SW 1	6	9	10	0.4	●°, ↖ 14
16	19.6	25.6	20.6	22.0	3.2	729.0	728.0	728.8	81	52	71	SW o	SW 1	NNE 1	9	9	9	0.1	a ●°
17	20.4	27.3	20.3	22.4	3.6	728.0	727.0	727.6	78	53	85	SSW o	SW 1	NW 1	9	3	9	9.6	↖ III, n ●
18	17.8	16.2	17.0	17.5	−1.4	727.3	728.4	729.2	88	96	88	SW 1	NE o	NNE 1	10	10	9	6.7	● 9–12
19	15.8	21.5	18.6	18.3	−0.6	729.6	729.7	730.8	90	48	64	SW o	NNE 1	NE 1	o	2	o	.	
20	16.2	22.0	20.0	19.1	0.2	733.1	733.0	733.1	77	48	68	SE o	NNE 1	NNE 1	o	o	o	.	
21	18.2	23.8	21.2	20.7	1.8	734.5	733.5	732.9	78	67	72	NE o	NNE 1	NW o	o	o	o	.	
22	19.0	26.8	22.6	22.0	3.1	733.5	732.4	731.8	75	46	54	SW o	NNE 1	NNE 1	o	1	o	.	
23	18.4	24.3	22.2	21.1	2.2	731.6	729.4	727.6	78	52	64	SE o	NNE 1	NNE o	o	o	o	.	
24	18.4	27.4	21.3	22.1	3.2	727.5	727.0	728.2	75	41	71	NW o	SW 1	SW 1	7	9	8	0.6	n ($^{24}/_{25}$) ●²
25	21.4	27.7	23.0	23.3	4.4	729.2	728.2	728.7	73	46	62	SSW o	SW 1	SW 1	1	1	2	.	
26	22.2	25.0	21.1	22.0	3.1	728.0	727.5	727.2	66	56	68	SW 1	SW 1	SW 1	1	5	9	0.6	p n ●°
27	18.0	24.0	19.4	20.3	1.4	727.6	726.5	726.5	80	40	51	SW 1	NNE 1	NNE 1	1	o	o	.	
28	16.0	22.0	21.2	19.4	0.6	726.3	724.4	723.8	73	45	52	NNE 1	NNE 1	SSW 1	o	o	7	.	
29	20.0	22.4	18.0	20.0	1.2	725.0	726.0	727.1	50	56	52	SSW 1	SW 2	SW o	8	9	o	.	↙ II
30	20.0	25.8	21.0	21.3	2.5	726.3	726.0	725.3	64	42	62	SW 1	W 1	SW o	2	2	o	.	
31	19.8	28.8	22.7	23.0	4.2	724.5	722.3	720.2	67	34	77	NE o	SW 2	SW 1	9	3	10●	9.0	↙ II, ● $20^{1}/_{4}$–n
																		Summe	
Mittel	19.2	25.1	21.3	21.4	—	729.6	728.7	728.8	73	51	67				2.6	3.0	3.3	71.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$,
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$

Zürich.

Juli 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	13.4	23.5	16.4	17.8	0.0	721.2	719.5	719.8	81	45	73	E 0	NW 1	NE 1	6	7	10	3.1	● ◺ $19^{3}/_{4}$–$1^{1}/_{4}$
2	13.8	19.0	14.2	15.7	−2.2	720.4	719.7	720.0	83	47	88	NE 0	NW 1	NE 0	3	10	10	0.8	●° $17^{1}/_{2}$–$19^{3}/_{4}$, 24–1
3	14.0	22.9	15.7	17.5	−0.4	720.4	719.9	720.5	92	47	80	NE 0	SW 1	SE 0	8	3	4	.	●° $2^{3}/_{4}$–$6^{1}/_{4}$
4	14.6	24.8	17.0	18.8	0.8	721.7	721.6	721.9	87	48	77	SE 0	NE 1	NE 1	0	1	0	.	
5	16.2	26.4	20.2	20.9	2.9	723.0	722.8	723 0	81	44	64	E 0	NE 1	NE 1	0	1	0	.	
6	15.3	25.4	20.8	20.5	2.4	723.4	723.1	723.4	71	50	57	N 1	NE 1	NE 1	0	1	0	.	
7	16.3	27.4	19.0	20.9	2.8	723.4	722.5	721.3	79	46	70	NE 0	NE 1	E 1	0	1	0	.	
8	17.2	30.5	19.9	22.5	4.3	721.6	721.2	721.6	82	37	80	E 0	NW 1	E 0	0	1	2	.	
9	17.9	30.0	21.9	23.3	5.1	721.7	720.7	720.6	84	36	62	SE 0	E 1	E 1	0	1	4	.	⧋ I, ◺ III
10	18.4	29.2	21.2	22.9	4.7	721.8	721.1	721.3	83	46	70	NW 0	N 1	SE 0	1	1	2	.	⧋ I
11	19.4	28.9	22.4	23.6	5.3	724.0	723.7	724.3	67	46	48	N 1	NE 1	E 1	0	0	4	.	
12	18.6	30.4	21.0	23.3	5.0	725.3	725.4	725.0	69	**32**	64	NW 1	NE 1	SE 1	2	3	1	.	
13	19.3	**32.4**	23.1	24 9	6.6	725.1	726.2	725.4	70	35	80	E 0	NW 1	SE 0	1	4	10	.	
14	21.4	31.4	23.6	25.5	7.1	724.8	724.0	722.6	76	41	80	E 1	SW 1	SE 0	3	5	4	.	
15	21.6	28.4	17.6	22.5	4.1	722.3	720.7	722.0	76	36	90	NW 0	SW 1	NW 2	9	7	10	3.3	◹ ●° 17–$18^{1}/_{2}$, ☄ III, *)
16	17.4	24.8	16.8	19.7	1.3	721.6	720.2	721.0	91	55	93	W 0	W 1	W 0	10	7	4	0.1	●° $7^{1}/_{4}$–$7^{1}/_{2}$, $16^{1}/_{4}$–$18^{1}/_{4}$
17	18.4	25.8	18.6	20.9	2.5	720.4	719.0	720.5	83	51	92	W 0	W 1	W 1	5	6	10●	7.8	● $16^{1}/_{4}$–$16^{1}/_{2}$, $18^{3}/_{4}$–$3^{3}/_{4}$
18	16.4	16.4	15.1	16.0	−2.4	720.2	720.5	721.3	96	96	100	SW 0	NE 0	SW 1	10●	10●	8	4.9	● $7^{3}/_{4}$–$17^{3}/_{4}$
19	16.2	18.8	14.9	16.6	−1.8	721.7	722.1	723.3	87	65	91	NW 0	SE 1	SE 0	6	6	4	.	●° 13–$13^{1}/_{4}$
20	14.6	24.1	17.6	18.8	0.4	725.1	725.5	726.8	91	46	72	E 1	W 1	NE 1	0	3	0	.	
21	15.0	26.0	18.2	19.7	1.3	**727.0**	725.7	725.3	85	47	77	NW 1	E 1	E 0	0	1	2	.	⧋ I
22	17.4	27.3	17.1	20.6	2.2	726.0	724.7	724.9	87	44	92	E 0	SW 1	E 1	1	5	9	4.6	p ◹, ● $17^{1}/_{4}$–$17^{1}/_{2}$
23	16.5	26.8	18.6	20.6	2.2	723.6	721.8	720.2	90	45	82	SE 0	N 0	NE 1	6	2	2	.	p ⊕
24	19.0	24.0	17.8	20.3	1.9	718.9	719.0	720.2	78	44	91	SE 1	W 2	SE 1	8	7	9	7.6	●° $12^{3}/_{4}$–13, 20–$20^{1}/_{2}$, *)
25	18.1	25.2	20.2	21.2	2.9	721.2	720.0	719.7	88	56	74	SW 0	SW 1	NW 1	9	3	9	.	●° $3^{1}/_{2}$–$6^{1}/_{4}$
26	19.6	21.2	16.2	19.0	0.7	718.4	718.2	718.3	72	73	96	W 2	W 1	NW 1	5	8	9	2.7	☄ n-l, ●° $11^{1}/_{2}$, $13^{1}/_{4}$–14, *)
27	14.7	20.6	15.8	17.0	−1.3	719.7	719.6	719.9	73	50	60	W 2	NW 1	NE 1	3	4	4	0.1	☄ I
28	**12.6**	24.6	15.8	17.7	−0.6	719.2	717.2	715.8	76	41	82	NW 0	N 1	SW 0	1	1	1	0.9	
29	15.4	21.8	16.5	17.9	−0.3	716.6	717.2	719.1	86	64	87	SW 1	NW 1	S 1	9	8	10	0.5	● $5^{1}/_{2}$–7, ●°–17
30	17.6	24.2	18.0	19.9	1.7	718.0	717.0	717.1	64	48	71	W 1	NW 2	W 1	9	5	1	.	●° I, ☄ II
31	20.2	27.0	18.6	21.9	3.7	715.7	714.5	**712.6**	61	45	86	W 1	W 2	NW 2	5	8	10	**35.4** Summe	a ⊕, ☄ 11-n, ◹ ●² III-n
Mittel	17.0	25.5	18.4	20.3	—	721.7	721.1	721.3	80	49	78				3.9	4.2	4.9	71.8	

*) 15. ● $21^{3}/_{4}$–$22^{3}/_{4}$ *) 24. ☄ II, 16, ◹ ● 15–16 *) 26. ● $18^{1}/_{4}$–21

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

Juli 1923.
Beobachter: *Fr. Schreiber.*

1	8.0	10.2	10.0	9.4	0.4	618.1	618.1	617.0	40	46	40	W 1	NW 0	NW 2	5	5	7	0.4	n ($^{1}/_{2}$) ●°
2	5.8	8.4	6.0	6.7	−2.4	617.1	616.6	616.8	97	76	95	W 1	NW 1	W 0	10	10	10	3.7	≡°, n ●
3	6.4	11.2	10.0	9.2	0.1	617.3	617.5	617.7	62	52	58	W 0	W 0	NW 0	10	5	7	.	
4	10.4	12.8	10.2	11.1	1.9	618.7	619.6	620.1	52	47	60	NW 0	E 0	E 0	0	0	0	.	
5	12.2	14.2	15.6	14.0	4.7	620.5	621.1	621.5	35	42	20	NE 0	NE 0	NE 0	0	0	0	.	
6	13.4	15.4	16.0	14.9	5.5	621.3	621.9	622.0	45	46	25	NE 0	S 0	S 0	0	0	0	.	
7	14.2	15.2	14.6	14.7	5.3	622.0	621.9	621.3	37	42	18	W 1	W 0	W 0	3	0	0	.	
8	14.6	14.8	14.6	14.7	5.2	620.6	620.8	620.7	27	28	40	NW 0	NW 0	NW 0	0	0	5	.	
9	13.4	14.8	15.8	14.7	5.1	620.6	620.7	619.7	43	51	30	E 1	NE 0	NE 0	0	0	5	.	
10	13.4	14.2	16.0	14.5	4.9	620.9	621.3	620.8	30	25	38	SE 2	SE 1	SE 2	0	0	3	.	
11	14.6	18.6	14.4	15.9	6.2	622.7	623.4	623.7	40	37	54	S 0	E 0	E 0	0	0	5	.	
12	17.0	19.4	19.2	18.5	8.8	624.6	625.2	624.5	27	43	13	SE 0	SE 0	SE 0	0	0	3	.	
13	20.6	17.4	18.6	18.9	9.1	624.9	**626.1**	625.8	**6**	46	22	NW 0	NW 2	W 0	0	3	10	.	
14	20.6	**23.8**	20.4	21.6	11.8	624.7	624.8	624.0	13	9	15	SW 0	SW 0	SW 0	3	3	3	.	
15	20.4	16.6	12.4	16.5	6.7	621.9	620.7	620.4	15	30	40	SW 0	W 0	NW 2	5	5	5	36.5	p ◹ ●²
16	8.4	11.8	10.0	10.1	0.2	618.9	619.2	618.8	98	62	85	NW 1	NW 1	W 0	10≡	5	7	8.8	≡ l, p ●
17	14.4	14.6	12.0	13.7	3.8	618.9	618.4	618.1	51	60	98	W 0	SW 0	W 1	3	5	10≡	34.2	p n ●², ≡ III-n
18	11.2	12.8	8.4	10.8	0.9	617.7	617.4	617.8	88	60	95	W 1	W 0	W 0	10●	10	10≡	8.8	a ●, p ≡
19	**5.6**	10.4	8.2	8.1	−1.9	618.5	619.4	619.6	98	38	86	W 0	NW 0	NW 0	10	7	10	0.7	●° ≡° III
20	8.4	11.8	11.4	10.5	0.5	621.6	622.7	623.3	49	52	48	W 0	W 0	W 0	0	5	3	.	
21	10.4	14.4	15.0	13.3	3.3	624.2	624.2	623.9	47	40	12	NE 1	NE 0	NE 0	0	0	0	.	
22	11.4	13.0	13.2	12.5	2.5	623.9	624.1	622.4	60	55	60	NE 0	NE 0	W 0	3	3	5	.	
23	13.6	14.0	14.4	14.0	4.0	622.1	620.9	619.5	38	43	30	W 0	W 0	W 0	5	5	5	.	
24	11.8	10.4	11.0	11.1	1.1	617.7	617.7	618.2	47	85	50	W 2	NW 1	NW 1	7	10●	5	7.5	p ●
25	10.0	11.0	12.2	11.1	1.1	618.5	619.0	617.9	97	62	75	W 1	W 0	W 1	10≡	10	5	3.0	a ≡ ●, ≡° II
26	9.4	12.0	9.8	10.4	0.3	616.9	617.1	616.2	98	52	98	NW 2	NW 3	NW 3	10	7	10≡	2.8	≡° l, p ☄, ≡ ● III
27	7.0	7.8	8.8	7.9	−2.2	616.6	617.2	616.8	98	74	70	NW 1	NW 1	NW 0	10≡	3	5	.	≡ I
28	8.2	13.4	14.5	12.1	2.0	616.9	616.5	615.7	46	43	36	W 0	SW 0	SW 0	0	0	0	0.6	n ($^{27}/_{28}$) ●°
29	8.8	9.2	8.0	8.7	−1.3	614.8	614.7	617.0	60	84	99	W 0	NW 0	NW 1	10	10	10●≡	1.2	● ≡ III
30	9.6	11.0	10.2	10.6	0.6	616.8	616.8	616.6	26	58	55	NW 1	NW 1	NW 2	5	5	5	.	
31	9.6	14.6	9.2	11.1	1.1	615.2	614.8	**613.2**	62	46	36	NW 1	W 0	SE 2	3	5	10	**37.0** Summe	n ($^{31}/_{1}$) ●²
Mittel	11.7	13.6	12.6	12.6	—	619.8	620.0	619.7	53	49	52				5.3	3.9	5.3	145.2	

Juli 1923.
Beobachter: *O. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1707.6^m$, $G = -0.12\ ^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	7.6	17.0	10.1	11.6	0.5	624.6	622.8	623.2	70	45	82	SW o	SW 2	N o	4	6	5	.	⛈ II, ●° ▲° $18^3/_4$–19
2	10.8	15.2	9.0	11.7	0.5	622.1	621.7	622.9	74	43	75	NE o	N o	NE o	6	10	10	1.3	● 15–n, n ≺
3	9.0	12.4	6.3	9.2	−2.0	622.2	622.4	624.5	85	62	70	NE o	N 1	N o	9	8	1	1.4	● 12–II
4	7.6	18.8	9.6	12.0	0.7	624.8	624.3	625.8	75	41	65	W o	W o	SW o	1	2	9	.	
5	8.9	20.4	13.8	14 4	3.0	626.4	625.3	626.6	77	38	57	SW o	W o	W o	o	1	1	.	
6	8.5	22.1	12.4	14.3	2.8	627.1	626.0	628.4	75	27	84	SE o	SW o	W o	o	1	1	.	
7	10.2	22.5	13.1	15.3	3.8	627.7	626.2	626 9	82	35	71	SW o	N o	W o	o	3	9	.	≡ n–I, ≺ III
8	13.8	21.6	14.6	16.7	5.1	626.1	624.9	626.5	70	37	54	SW o	N 1	NE o	1	2	9	.	≺ III
9	11.4	22.6	13.6	15.9	4.2	626.3	625.0	626.9	71	40	83	SW o	S 1	SW o	1	4	8	2.3	● $15^3/_4$–$16^1/_2$, ● ▲ $17^1/_4$, [n ≺
10	13.2	22.5	13.1	16.3	4.6	627.4	626.2	627.8	73	45	77	E o	SW o	W o	1	3	7	.	
11	12.8	23.6	15 5	17.3	5.5	629.0	628.3	630.1	77	41	73	SW o	SW 1	W o	1	3	7	.	
12	14.6	24.4	14 7	17.9	6.1	630.3	629 7	630.9	73	38	76	S o	S 1	N o	1	4	1	.	
13	14 8	22.0	15.0	17.3	5.4	631.0	630.0	632.1	75	57	61	W o	SW 1	S o	1	6	2	.	
14	15.0	25.6	12.8	17.8	5.9	631.2	629.7	631.3	70	37	85	SW o	SW 1	W 1	6	4	8	4.2	●° $16^1/_2$, ⛈ ● $18^3/_4$–$19^3/_4$
15	13.2	24.2	11.9	16 4	4.4	629.1	626.2	626.9	83	39	83	E o	W o	W 1	2	2	10●	10.7	⛈ ● 17–n
16	10.2	19.6	11.5	13.8	1.8	624.3	623.4	625.2	91	51	91	E o	NW o	N o	10	4	10	3.5	● $17^3/_4$–$20^1/_2$
17	10.4	20.6	14 0	15.0	3 0	624.6	623.5	624.1	87	52	85	N o	SW o	S o	10≡	9	10	3.0	≡ I, ●° 20–III, n ●
18	11.6	14.4	11.2	12.4	0 3	623 7	622.9	623 4	93	80	93	SW o	W o	NE o	10●	10●	10●	13.0	●
19	10.9	16.6	12.1	13.2	1.1	623.1	622.9	625.1	87	52	59	W o	W 1	NE o	9	5	6	.	●° $20^1/_4$
20	8 8	18 0	13.9	13 6	1.5	627.1	627.0	629.5	82	41	56	SW o	SW 1	N o	5≡	1	9	.	≡ I
21	9.7	21.3	15.0	15.3	3.2	629.6	629.1	628 8	82	39	55	S o	SW 1	NE o	o	1	5	.	
22	10.4	18.1	11.7	13.4	1.3	629.0	627.8	628.1	77	43	67	E o	NE o	E o	1	9	7	0.8	●° $14^1/_4$–15
23	9.4	20.2	11.8	13 8	1.7	627.1	625.1	624.9	79	41	65	SW o	W o	SW o	3	6	2	.	
24	11.2	18.5	11.2	13 6	1.5	623.6	622.4	624.3	82	42	79	S o	SW o	N o	2	9	6	0.4	●° ⛈ $15^1/_2$–$16^3/_4$, ●°
25	11 4	21.6	13.8	15.6	3.5	624.3	623.6	623 8	80	40	72	W o	SW 2	N o	2	5	5	.	⛈ II [$17^3/_4$–$20^3/_4$
26	12.6	20.8	14.0	15.8	3.7	622.1	620.7	620.9	82	42	74	SW o	SW 1	N o	1	6	9	.	●° 16–p
27	13.8	18.8	11 7	14.8	2.8	620.8	621.0	622.0	72	32	55	S 1	W 2	N o	5	1	2	.	⛈ II
28	8.1	17.6	10.8	12.2	0.2	621.9	621.3	621.5	77	50	80	S o	SW 2	W o	2	5	1	.	⛈ II
29	10.3	15.7	13.1	13.0	1.0	620.6	619.9	621.2	85	61	66	NW o	NE 1	NW 1	1	9	4	0.4	a ⛈, ●° $11^3/_4$–p
30	10.0	20.3	11.3	13.9	2.0	621.5	620.3	621.7	81	45	69	S o	S 2	SW o	3	4	o	.	⛈ II
31	11.2	20.9	15.1	15.7	3.8	620.9	620.3	619.7	85	47	75	SW o	SW 2	S o	1	8	4	19.5	⛈ II, n ●²
																		Summe	
Mittel	11.0	19.9	12.5	14 5	—	625.5	624.5	625 6	79	45	72				3.2	4.9	5.4	60 5	

Juli 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 541\ 8^m$, $G = 0.00\ ^m/_m$.

1	14 8	24.9	20.2	20.0	1.1	717.3	714.0	715.0	65	35	38	NE o	SE 1	W 1	o	2	3	.	
2	18.4	23.8	17.6	19.9	0.9	714.3	713.3	714.3	63	39	58	N o	SW o–1	W o	4	8	10●	.	●° $1^1/_2$, 21–III
3	15.2	23 9	20.2	19.8	0 8	717.2	713.9	714 5	93	41	47	NE o	SW o	NW o	9	7	3	.	
4	17.7	26.4	20.7	21.6	2.5	717.0	715.3	715.8	59	38	52	NE o	NW o	NE o	o	1	2	.	
5	19.0	27.5	22.3	22.9	3 8	718.2	715.9	716.7	62	35	46	NE o	SW o–1	NW o	o	2	o	.	
6	19.6	28.5	22.6	23.7	4.6	718.1	716.4	717.6	65	41	54	NE o	SW 1	NW o	o	2	2	.	●° 16–$16^1/_2$
7	20.2	29.8	22.9	24.3	5.1	718.8	716.3	716.4	64	39	45	NE o	W o–1	NE 1	o	3	o	.	●° $15^1/_2$, $16^1/_2$
8	20.4	29.2	22.6	24.1	4.9	717.0	715.1	716.7	60	31	58	NE o	SW o–1	W o–1	1	6	6	.	
9	19.8	28.8	20 9	23.2	3.9	717.2	714.4	716.7	60	41	61	NE o	SW 1–2	NW o	o	3	6	.	
10	19.9	31.4	22.3	24.5	5.2	717.7	715.4	716.5	66	28	52	NE o	SW o–1	N o	o	5	o	.	
11	21 o	31.1	23.7	25.3	5.9	719.7	718.0	719.2	50	29	42	NE o	SW o	NE 1–2	o	o	1	.	
12	20.2	29.4	25.0	24.9	5.5	721.4	719.8	720.2	48	39	42	NE o	SW o	NE 2–3	o	o	2	.	⛈ III
13	21.8	30.8	23.1	25.2	5.8	720.9	720.7	722.3	49	38	49	NE o	W o	NE o–1	3	4	3	.	
14	22.2	31.7	25.3	26.4	6.9	721.9	719.1	718.8	56	37	42	NE o	NE o–1	NE 1	7	3	3	.	
15	21.3	29.6	18.9	23.3	3.8	719.0	715.7	716 7	59	46	88	NW 1–2	W o–1	N o	6	4	9	2.7	● 9–$10^1/_2$, 17–$17^1/_2$
16	16.9	25.4	19.7	20.7	1.2	717.0	714.8	716.1	98	47	78	N o	W o	NW o	10●	8	10●	0.4	● n–I, ●° III
17	19.6	27.8	21.6	23.0	3.4	715.8	713.1	715.2	76	40	65	NE o	SW 1	SW 1–2	3	3	10	4.4	n ($^{17}/_{18}$) ●
18	18.4	19.4	16.4	18.1	−1.5	714.6	714.5	716.1	97	71	92	NW o	W o–1	W o	9	9	10	3.4	● 9, 16–19
19	16.8	24.0	18.7	19.8	0.2	716.4	715.3	717.0	77	37	45	NE o	NW 1–2	W o–1	8	6	3	.	
20	16.9	24.9	19.4	20.4	0.8	720.6	719.2	720.2	62	36	49	NE o	W o–1	N o–1	2	2	o	.	
21	17.4	25.9	23.2	22.2	2.5	721.8	719.5	719.7	69	46	42	NE o	W o–1	W o–1	o	2	3	.	
22	18.6	27.0	21.8	22.5	2.8	721.3	718.7	718.9	67	36	36	NE o–1	W o–1	NE o	1	6	3	.	
23	17.6	26.6	20.8	21.7	2.0	719.3	716.1	715.3	63	41	41	NE o	SW 1–2	NE 1	1	4	o	.	
24	16.6	25.2	20.0	20.6	0.9	715.5	713.8	715.1	66	46	58	NE o	SW o–1	N o–1	6	7	8	.	
25	20.4	27.6	22.5	23.5	3.8	716.5	714.3	714.7	66	41	49	N o	SW 1–2	W 1–2	3	2	3	.	
26	19.6	28.8	20.9	23.1	3.4	715.0	712.6	713.4	68	34	60	NE o	SW 2–3	W o–1	o	5	7	.	⛈ II
27	19.2	25.0	20.2	21.5	1.9	713.8	712.5	712.8	67	36	41	SW 1–2	SW 2–3	W o–1	3	2	o	.	⛈ II
28	16.4	25.4	20.0	20.6	1.0	713.8	710.8	710.8	67	46	43	NE o	SW o–1	NE o–1	o	1	1	.	
29	16.9	24.8	18.6	20.1	0.5	712.0	711.5	713.2	78	39	66	NE o	W 1–2	W o–1	7	7	2	.	
30	17.2	25.8	21.0	21.3	1.8	713.9	711.9	712.6	68	39	45	NE 1	SW 2–3	SW 2	2	2	o	.	⛈ II
31	17.0	28.8	22.8	22.9	3.4	712.7	709.2	707 0	72	36	48	NE o	W 1–2	NE 1–2	2	2	10	18.4	≺² III, ● $22^1/_2$–n
																		Summe	
Mittel	18.6	27.1	21.2	22.3	—	717.3	715.2	716.0	67	40	53				2.8	3.8	3.9	29.3	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$,
$H_b = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

Juli 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	17.6	23.8	18.8	20.1	−0.5	740.1	739.8	736.8	58	45	67	N	0	SE	0	N	0	1	4	6	.	
2	**16.6**	21.8	20.0	19.5	−1.2	736.1	735.8	735.2	71	58	59	NNE	0	SE	0	SE	0	10	10	10	25.0	n (2/3) ⛆ ●²
3	17.4	23.3	18.6	19.8	−1.0	738.7	737.8	738.7	72	50	68	W	0	S	0	N	0	8	4	0	.	
4	18.0	25.8	22.4	22.1	1.2	740.1	739.5	740.0	65	45	59	N	0	S	0	SW	0	0	1	1	.	
5	19.2	26.4	21.2	22.3	1.4	741.5	740.1	740.7	70	47	70	SW	0	S	0	SW	0	9	2	6	.	
6	20.6	26.2	21.8	22.9	1.9	742.9	742.4	742.6	57	42	60	W	0	SSE	0	SSE	0	9	2	10	.	
7	20.4	27.8	23.0	23.7	2.6	743.2	740.8	740.6	67	46	62	N	0	SSE	0	S	0	0	3	10	.	●° III
8	21.0	28.4	22.2	23.9	2.8	740.6	739.0	739.2	67	47	64	N	0	SSE	0	N	0	0	0	2	5.0	⛆ ● III–a
9	20.2	29.0	21.6	23.6	2.4	740.8	739.9	741.0	66	46	60	NNE	0	S	0	S	0	0	2	10	.	
10	22.2	28.8	25.2	25.4	4.1	741.9	740.1	740.8	63	45	56	N	0	S	0	N	0	0	1	0	.	
11	21.4	29.6	22.4	24.5	3.2	743.2	742.9	743.1	67	50	60	N	0	S	0	N	0	0	0	0	.	
12	22.0	30.8	22.8	25.2	3.8	744.9	743.9	743.8	66	42	62	N	0	S	0	N	0	0	0	0	.	
13	22.9	28.8	22.8	24.8	3.4	**745.8**	745.3	745.5	65	47	71	N	0	S	0	N	0	2	2	0	.	
14	23.6	30.6	24.2	26.1	4.7	745.3	743.3	743.8	66	51	71	S	0	S	0	N	0	2	2	0	.	
15	24.4	31.2	18.6	24.7	3.2	742.1	739.0	738.2	61	47	78	N	0	S	0	W	0	2	2	6	21.0	⛆ ●² ▲² 14³/₄–15¹/₄
16	20.8	29.4	24.2	24.8	3.3	737.5	736.0	736.1	61	48	62	N	0	SSE	0	N	0	2	3	2	.	
17	20.2	26.8	23.4	23.5	2.0	738.6	737.8	737.1	75	56	70	W	0	SE	0	N	0	6	4	8	**29.2**	● 8¹/₄–9, n ⛆ ●² ▲
18	19.6	21.2	19.2	20.0	−1.5	737.0	736.4	736.5	81	65	80	N	0	W	0	SW	0	3	10	10●	14.0	⛆ ● 14¹/₂–15, ● III–n
19	19.8	24.4	20.8	21.7	0.2	736.4	736.1	738.9	69	53	70	N	0	SW	0	N	0	0	7	0	.	
20	18.2	27.4	21.8	22.5	1.0	742.3	741.9	742.4	65	48	61	N	0	SE	0	N	0	0	0	0	.	
21	19.4	28.4	22.6	23.5	2.0	744.7	743.2	742.1	66	42	59	N	0	SE	0	N	0	2	2	0	.	
22	19.8	29.0	22.8	23.9	2.4	742.7	741.0	740.5	67	45	47	N	0	SE	0	N	0	0	0	0	.	
23	19.6	28.0	21.2	22.9	1.4	741.1	739.4	738.6	55	45	66	N	0	SSE	0	W	0	0	0	0	17.0	⛆ ● 22³/₄–24¹/₄
24	19.2	28.0	19.4	22.2	0.7	737.9	736.0	736.7	61	45	60	NNE	0	S	0	N	0	0	6	2	.	
25	19.2	29.6	19.2	22.7	1.2	738.6	737.6	737.0	68	42	67	NW	0	S	0	N	0	4	2	0	.	
26	21.8	28.8	20.4	23.7	2.2	735.7	733.9	733.0	66	53	60	W	0	W	0	N	0	4	5	0	.	
27	24.6	**31.4**	21.4	25.8	4.4	731.8	**731.7**	733.0	31	**20**	37	N	1	N	1	N	0	0	0	0	15.0	
28	17.0	23.0	19.2	19.7	−1.7	736.1	736.5	735.8	73	56	80	W	0	E	0	N	0	10●	4	1	14.0	●² n–10¹/₂
29	20.2	27.6	20.8	22.9	1.5	734.7	733.1	733.4	64	49	76	NE	0	SE	0	N	0	6	3	0	.	
30	19.8	27.4	20.6	22.6	1.2	735.0	734.3	734.7	64	48	71	N	0	SE	0	N	0	3	2	0	.	
31	22.4	26.8	22.4	23.9	2.6	735.2	734.1	733.0	69	56	72	SSW	0	SW	0	N	0	3	10	7	.	
																					Summe	
Mittel	20.3	27.4	21.5	23.1	—	739.8	738.7	738.7	65	48	65							2.8	3.0	2.9	140.2	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$H_b = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

Juli 1923.
Bernoullianum.

1	**13.0**	23.0	18.2	18.1	−0.2	739.4	737.7	738.3	79	45	64	E	1	W	1	NW	1	7	8	8	.	
2	14.4	19.6	16.8	16.9	−1.5	738.7	737.9	738.0	76	52	74	S	1	NW	1	N	1	7	9	10	1.2	● 22³/₄–23¹/₄
3	13.8	21.6	18.2	17.9	−0.6	738.8	737.8	738.7	91	50	73	W	1	N	1	N	0	8	3	0	.	● 1³/₄–2¹/₂, ●° 3
4	15.4	23.8	20.2	19.8	1.3	740.4	739.7	739.9	79	48	72	E	1	N	1	NW	1	2	3	0	.	
5	17.4	26.6	21.4	21.8	3.2	741.4	740.6	740.9	82	42	69	SE	1	N	1	E	1	0	1	1	.	
6	19.1	26.2	21.4	22.2	3.6	741.7	741.0	741.2	61	43	59	E	1	NE	1	E	1	2	0	0	.	
7	18.4	27.4	22.2	22.7	4.0	741.6	740.3	739.3	70	37	63	E	1	N	1	E	1	1	1	1	.	
8	19.4	28.6	23.0	23.7	5.0	739.5	738.8	739.3	76	44	73	E	1	W	1	W	1	3	3	3	.	
9	20.0	29.8	24.2	24.7	5.9	739.8	738.2	738.4	76	30	56	E	1	E	2	SE	1	1	1	1	.	⛆ II
10	21.2	29.6	23.4	24.7	5.9	739.6	738.8	739.0	67	39	70	E	1	E	1	NW	0	2	3	3	.	
11	20.6	29.4	23.6	24.5	5.7	742.1	741.6	742.4	75	41	72	E	1	NE	1	SE	1	2	1	4	.	
12	20.0	30.8	24.8	25.2	6.3	743.4	742.8	742.8	62	34	61	E	1	S	1	E	1	3	2	4	.	
13	22.2	30.6	25.6	26.1	7.2	743.5	743.7	742.6	59	41	60	E	1	E	1	E	0	5	5	10	.	
14	24.2	**32.2**	26.1	27.5	8.6	743.3	741.0	740.5	61	**26**	57	NE	1	E	1	SE	0	5	3	2	.	
15	23.7	29.3	17.9	23.6	4.6	741.2	738.7	739.9	53	35	84	SW	2	NW	2	S	1	9	3	6	5.5	⛆ n–II, ⛆ 18¹/₂, ● 17¹/₂–19¹/₄
16	17.8	23.5	19.9	20.4	1.4	739.3	738.6	739.5	87	55	71	E	1	W	2	W	1	10	7	10	.	⛆ II
17	18.9	24.4	19.2	20.8	1.8	738.4	736.8	738.4	76	63	92	E	1	W	1	W	1	9	8	10●	5.2	● 14¹/₂–14³/₄, 21–21³/₄
18	17.8	21.3	18.3	19.1	0.1	738.4	738.2	739.0	80	67	72	S	0	E	0	S	0	10	9	4	0.4	●° 15¹/₂
19	16.3	21.2	17.5	18.3	−0.7	740.4	740.5	741.8	80	54	79	SE	0	W	2	W	0	8	6	2	.	⛆ II
20	15.7	23.2	18.9	19.3	0.2	743.9	743.9	745.1	76	40	70	E	1	W	2	W	0	2	2	0	.	⛆ II
21	15.9	25.3	22.3	21.2	2.1	**745.6**	744.2	743.7	77	45	67	E	1	N	1	W	0	0	0	0	.	
22	19.5	27.2	21.3	22.7	3.6	744.7	743.0	742.9	74	41	70	NW	1	NW	1	NW	0	1	4	1	.	
23	17.3	26.6	21.8	21.9	2.8	741.9	739.7	737.8	81	46	65	SE	1	W	1	S	1	0	1	0	.	
24	17.1	25.6	21.5	21.4	2.3	736.7	736.9	738.2	77	43	68	E	1	W	2	SW	2	9	7	8	.	p ⛆
25	19.5	25.4	21.2	22.0	3.0	739.4	738.0	737.8	78	51	70	SW	1	W	2	S	1	8	3	1	.	⛆ II
26	20.3	20.1	18.0	19.5	0.5	736.5	736.6	736.6	74	76	84	W	2	W	4	W	2	9	10	4	4.1	⛆, ⛆ II, ● 18¹/₂-19¹/₂
27	15.6	20.6	16.2	17.5	−1.5	738.5	738.3	738.2	70	48	64	S	1	W	1	SW	1	2	1	2	.	
28	13.2	23.1	19.3	18.5	−0.5	737.5	735.1	733.6	75	34	73	E	1	E	0	S	1	0	0	2	0.1	
29	18.9	18.6	19.2	18.9	−0.1	734.7	736.1	736.7	60	66	64	W	1	NW	2	S	1	10●	8	7	0.1	●° 7¹/₄–S, 10, ⛆ II
30	18.2	24.0	20.2	20.8	1.8	735.7	735.2	734.9	75	50	68	S	0	W	2	SW	1	6	6	7	.	⛆ II
31	20.4	23.4	18.8	20.9	2.0	734.0	732.6	**730.0**	68	54	93	NW	1	W	1	NE	1	9	8	10●	**7.9**	⛆ ● 19¹/₂–23
																					Summe	
Mittel	18.2	25.2	20.7	21.4	—	740.0	739.1	739.2	73	46	70							4.8	4.1	3.9	24.5	

Juli 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16 \,{}^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.4	5.2	3.0	3.5	−0.4	565.9	565.7	565.2	79	94	100	SW 4	SSW 4	WSW 3	7	10	10≡	11.0	⊕ I, ↙, p n ≡, K ▲ *) ⧆
2	**0.7**	2.3	1.6	1.5	−2.5	564.0	564.7	564.8	100	100	100	WSW 4	WSW 4	WNW 3	10≡	10≡	10≡	2.6	↙ n–p, ≡, n ● ⧆
3	1.0	4.0	2.4	2.5	−1.6	564.6	565.5	566.6	100	94	100	SW 2	SW 2	W 1	10≡	8	0	.	≡ n–11½ ⧆
4	4.1	8.6	5.8	6.2	2.1	567.2	568.6	569.1	63	76	63	W 1	W 1	SSW 1	0	3	0	.	⧆
5	7.0	11.0	8.4	8.8	4.6	569.4	570.3	570.4	39	85	13	SSW 1	SSW 1	SSW 1	0	3	0	.	⧆
6	11.0	12.4	9.5	11.0	6.7	569.9	570.9	571.3	**10**	86	19	SW 1	SW 1	SW 1	0	5	0	.	≡ 14½–16 ⧆
7	8.4	13.0	7.6	9.7	5.3	570.5	571.2	570.1	46	85	78	WSW 3	WSW 2	WSW 2	1	10	0	.	≡ 5–6, a ↙, ≡° II–17 ⧆
8	8.2	11.2	7.5	9.0	4.5	569.5	570.0	570.4	55	70	100	W 3	SSW 2	W 0	1	5	0	.	↙ I, < 20½–n
9	9.8	11.0	9.8	10.2	5.7	569.4	569.6	569.9	44	89	97	NE 1	ESE 1	ESE 1	1	3	5	.	< III
10	12.0	13.5	10.2	11.9	7.3	570.0	570.6	571.4	40	52	60	S 1	S 0	NE 1	1	4	1	.	≡ 13¾–14
11	13.0	14.8	11.8	13.2	8.5	572.1	573.2	573.6	35	83	40	NE 0	NE 1	ENE 2	0	2	2	.	
12	15.6	14.0	12.0	13.9	9.1	573.5	574.6	574.6	23	70	39	ENE 0	NE 1	W 1	3	4	3	.	
13	13.6	12.6	12.4	12.9	8.1	574.2	575.1	**575.5**	26	96	57	W 2	W 2	W 1	1	10≡	6	.	≡ 13¼–14
14	15.0	**18.0**	14.0	15.7	10.8	574.5	574.7	574.0	35	45	46	W 1	W 1	SE 1	4	5	5	.	K 18½, ●° 19¾–20
15	14.8	15.4	6.0	12.1	7.2	571.6	570.6	568.6	38	70	100	WSW 3	SSE 1	WSW 4	5	5	10≡	15.5	↙ I, pn, K ● 14¼–15¼, *)
16	4.6	7.2	4.7	5.5	0.5	567.1	567.5	567.7	100	100	100	WSW 4	WNW 4	WSW 2	10≡●	10≡	10≡●	22.7	● n–9, ↙ ≡, K 17¼–18, *)
17	6.0	10.6	6.0	7.5	2.4	566.9	567.5	567.3	100	90	100	SW 3	SW 1	NW 4	10≡	10≡	10≡●	**34.7**	≡, ↙ III, ●^{2} 16½–n
18	7.0	9.8	2.9	6.6	1.5	566.4	566.4	566.6	100	94	94	WSW 2	WSW 1	WNW 2	10≡	10≡	10≡●	5.4	≡, ● 13¾–19¼, III
19	3.0	3.8	1.8	2.9	−2.3	566.3	567.0	568.3	100	95	100	WNW 0	WSW 1	NW 2	10≡●	10≡	10≡	4.0	≡, ● 5–9½, 20¾–21, *)
20	3.0	8.2	4.0	5.1	−0.1	569.2	570.8	572.3	60	70	100	W 2	WSW 1	WSW 1	2	6	0	.	≡ 14–20
21	8.4	8.5	7.4	8.1	2.8	572.2	572.7	572.5	43	49	31	ENE 0	E 0	NE 0	0	3	0	.	≡ 14½–17
22	7.4	8.9	5.2	7.2	1.9	571.8	571.8	571.2	55	65	100	NNW 1	SW 0	NNW 2	6	4	10≡	1.9	≡° 10½, ● 16–16¼; *)
23	5.3	10.2	6.4	7.3	2.0	569.5	569.4	568.5	90	77	62	WNW 2	WSW 1	WSW 2	10	10≡	0	.	≡°–≡ n–II
24	6.4	5.6	5.6	5.9	0.5	566.2	566.0	566.8	100	100	100	WSW 3	W 4	W 4	10≡	10≡●	10≡	27.3	↙ ≡, K ● 8–8¾, ▲ 8½, *)
25	5.7	7.4	7.2	6.8	1.4	567.0	567.5	567.0	100	94	100	WSW 3	SW 3	SW 4	10≡●	10≡	10≡	3.9	a ●, K 10½, ≡, ↙ III–n, *)
26	5.2	6.2	5.3	5.6	0.2	564.7	564.7	563.9	100	100	100	SW 4	SW 4	SW 5	10≡	10≡	10≡●	18.7	≡ ↙, ● ↙ 14¼–n
27	2.1	3.4	2.9	2.8	−2.6	563.8	564.9	565.5	100	100	100	SW 4	SW 4	SW 3	10≡●	10≡	10≡	.	● n–I, ↙ n–II, ≡
28	4.2	9.4	6.9	6.8	1.4	564.4	564.8	564.3	45	44	73	SW 3	SSW 2	SW 3	2	3	4	.	≡ n–I
29	4.2	4.2	1.0	3.1	−2.4	563.3	563.7	564.5	99	100	100	SW 3	SW 4	NNW 3	10	10≡●	10≡	12.8	↙ ≡, ● 13–20½
30	2.8	6.1	4.9	4.6	−0.9	564.0	564.3	564.5	70	98	100	SW 4	SW 3	SW 4	8	4	10≡	.	↙ I, p, ≡ 10½, 14½–n
31	6.6	11.4	9.4	9.1	3.6	563.5	563.9	**562.0**	45	82	70	SSW 3	SSW 3	SSW 4	3	5	10●	19.6	● ↙ III–n
Mittel	7.0	9.3	6.6	7.6	—	568.1	568.7	568.7	66	82	79				5.3	6.7	5.7	Summe 179.1	

*) 1. 20–20¾, K 22¼, ▲ 22½ *) 15. 17½, 20¼–20¾, ≡ III–n *) 16. ●^{2} 16½–n *) 19. K ● ▲ 19–19¾ *) 22. 19½–19¾, ≡ 17–n
*) 24. ● ▲ 11½, ●^{2} II–n, ≡^{2} III *) 25. n ●

Juli 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14 \,{}^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	7.4	13.4	8.0	9.6	3.0	595.4	594.3	593.6	50	45	63	N 0	NE 0	N 0	2	1	0	.	
2	4.6	8.7	6.1	6.5	−0.2	593.2	593.4	593.4	75	59	67	N 1	N 1	N 1	0	4	10●	0.8	●° 20½–n
3	4.1	8.0	6.1	6.1	−0.7	593.5	594.1	594.9	74	59	81	N 1	NE 2	NE 2	3	4	4	.	
4	7.0	12.2	8.1	9.1	2.3	595.5	597.4	597.7	59	40	58	N 2	N 1	N 1	0	0	0	.	
5	9.6	13.0	12.3	11.6	4.7	597.4	598.2	598.4	55	43	45	N 1	N 2	N 1	0	0	0	.	
6	14.5	15.0	10.1	13.2	6.2	598.0	598.8	598.3	48	39	83	N 0	N 1	S 1	0	0	10≡	.	≡ 18¼–n
7	11.4	15.8	9.3	12.2	5.1	598.8	598.7	598.3	61	39	47	N 0	N 0	N 0	0	0	0	.	
8	11.8	14.8	10.0	12.2	5.0	597.5	597.3	598.1	58	47	60	NE 0	N 1	N 0	0	1	1	.	
9	12.1	18.0	10.0	13.4	6.1	597.4	597.8	598.6	50	41	70	N 0	N 0	SE 0	0	0	10●	10.5	● 21–n
10	13.0	17.2	13.0	14.4	7.0	599.2	598.6	599.2	59	42	69	SE 0	NE 0	SE 0	0	0	0	.	
11	15.0	19.2	13.4	15.9	8.4	600.3	600.9	601.6	49	42	56	SE 0	SE 0	SE 0	0	0	0	.	
12	13.6	19.8	14.2	15.9	8.3	602.0	602.3	602.4	58	39	63	SE 0	SE 0	NE 0	0	0	0	.	
13	15.2	15.8	14.3	15.1	7.5	602.6	**603.7**	**603.7**	63	59	48	NE 0	N 4	N 1	0	5	0	.	↙ II
14	15.3	**21.5**	14.9	17.2	9.5	602.5	602.2	601.7	42	34	48	NE 0	NE 0	S 0	1	0	10●	1.9	● 18¼–n
15	15.3	17.8	11.3	14.8	7.0	600.5	599.0	597.1	65	58	58	SE 0	S 0	S 1	5	8	10●	5.9	●
16	9.6	13.6	6.3	9.8	1.9	595.8	595.6	595.6	59	47	87	N 1	NE 0	N 1	10	1	10≡	8.6	≡ 18–n, n ●
17	9.3	14.6	12.4	12.1	4.1	595.5	595.7	595.0	60	68	85	N 0	SE 1	SE 1	0	3	10≡●	3.6	p ≡°, ● ≡ 15¾–n
18	11.3	11.1	7.8	10.1	2.1	594.6	594.7	594.9	70	80	99	SE 0	SE 0	N 2	4≡	10≡●	10≡●	**19.1**	≡ ●
19	5.4	6.4	5.8	5.9	−2.2	594.5	595.3	596.0	83	90	92	N 1	N 2	N 3	10≡●	5	10≡●	0.9	≡ n–9½, 18¼–n, ↙ III
20	**3.8**	10.4	8.2	7.5	−0.6	598.0	599.0	600.4	83	49	78	N 1	N 1	N 1	0	0	0	.	
21	9.5	14.9	9.8	11.4	3.3	600.3	600.5	599.9	59	43	57	N 0	N 0	N 0	0	0	0	.	
22	8.2	12.8	9.7	10.2	2.0	599.2	599.2	599.2	65	53	68	N 2	N 1	N 1	0	0	8	.	
23	10.0	14.3	11.2	11.8	3.6	598.3	597.2	595.6	59	41	65	N 0	N 1	N 1	0	1	0	.	
24	10.0	12.8	8.9	10.6	2.4	594.9	595.0	595.5	59	45	58	N 0	NE 1	N 1	0	10	8	.	
25	10.8	16.5	10.6	12.6	4.3	595.4	595.9	595.8	59	40	47	N 0	E 0	SE 0	0	0	9	.	
26	13.5	16.4	10.4	13.4	5.1	594.0	593.8	593.0	44	38	**29**	E 0	N 1	N 0	0	0	0	.	
27	5.8	8.6	6.2	6.9	−1.4	592.5	593.3	594.7	80	62	89	N 4	NE 0	N 1	0	0	0	.	↙ I
28	6.8	12.8	9.6	9.7	1.4	593.6	593.1	592.6	54	37	92	N 1	S 1	S 1	0	3	10≡	.	≡ 20–n
29	9.4	12.2	8.1	9.9	1.6	591.9	592.1	592.6	69	42	90	S 0	N 1	N 2	8	2	10≡	.	≡ 17½–n
30	9.2	14.6	9.6	11.1	2.8	593.0	592.9	593.1	48	36	57	N 1	NE 1	W 1	0	0	1	.	
31	10.6	13.6	10.4	11.5	3.2	592.5	592.6	**591.5**	74	56	98	SE 1	S 1	S 0	3	7	10≡	7.1	≡°, ≡ 17¼–n, n ●
Mittel	10.1	14.1	9.9	11.4	—	596.7	596.9	596.9	61	49	68				1.5	2.1	4.9	Summe 58.4	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

August 1923.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.8	20.0	14.9	16.2	−1.6	709.7	711.4	713.1	90	46	72	W 1	W 1	WSW 0	10●	4	0	0.2	●° n–8
2	12.4	23.4	20.3	18.7	0.9	714.2	713.0	714.9	74	38	70	SE 0	NE 0	W 0	0	1	10	0.1	⌓ l, ●° 20½–21¼
3	19.2	23.0	19.0	20.4	2.7	716.5	717.4	719.2	78	60	73	S 0	NW 0	WSW 0	8	5	5	2.1	● 8¼–11
4	15.8	22.2	17.1	18.4	0.7	**720.5**	719.2	717.4	80	53	61	NE 0	N 0	N 0	2	1	0	.	
5	12.9	23.7	18.8	18.5	0.9	716.0	715.1	715.2	80	54	65	N 0	NE 1	NW 0	0	0	0	.	⌓ l
6	14.6	27.1	20.4	20.7	3.1	715.8	714.8	714.4	82	35	61	SW 0	NNE 0	NW 0	0	0	0	.	
7	17.2	29.2	21.9	22.8	5.3	714.8	714.1	714.9	65	30	67	SE 0	SW 0	W 0	0	0	3	.	
8	18.8	29.5	22.8	23.7	6.2	716.9	716.2	717.0	74	28	66	SW 0	W 0	NNE 0	1	1	0	.	
9	18.1	30.2	21.4	23.2	5.8	718.3	717.6	717.8	76	28	61	E 0	NW 0	SE 0	1	0	0	.	
10	17.4	**32.2**	24.2	24.6	7.3	717.9	716.4	716.5	69	**23**	65	SE 0	SW 0	NW 0	0	0	1	.	
11	19.2	28.5	22.3	23.3	6.0	717.0	716.1	716.4	77	50	70	S 0	SE 0	NE 0	6	3	1	.	
12	16.7	25.5	20.0	20.7	3.5	717.5	716.7	716.8	70	52	65	NE 1	NE 1	N 0	0	0	0	.	
13	16.0	27.6	21.1	21.6	4.5	716.9	715.6	717.3	83	31	57	E 0	W 0	N 0	1	0	0	.	
14	17.0	28.6	22.4	22.7	5.6	717.0	715.5	714.2	75	34	54	E 0	N 0	E 0	0	0	0	.	[K_A° 22–23
15	17.7	31.0	21.5	23.4	6.4	713.2	711.3	711.2	75	36	77	E 0	SW 2	N 0	6	5	10●	3.1	☄ II, ◁ 21–n, ● 21–23,
16	15.3	19.8	14.8	16.6	−0.3	714.1	714.9	714.8	81	50	62	E 0	E 0	N 0	10	6	0	.	● 3–4
17	11.2	20.8	16.2	16.1	−0.7	713.7	712.6	711.7	70	30	58	N 0	SW 1	W 0	2	8	0	.	
18	15.7	20.7	15.9	17.4	0.7	710.5	709.3	709.2	45	59	56	W 0	WSW 2	SW 2	1	7	1	7.7	☄ 11³/₄–n, ●° 19¼–20¼
19	13.0	17.6	14.8	15.1	−1.5	712.2	712.8	714.0	74	41	65	SW 0	W 1	W 0	7	7	8	.	● 0¼–1¼
20	11.9	19.4	16.6	16.0	−0.5	713.8	713.5	713.6	80	58	77	S 0	W 1	SW 0	10	3	8	.	●° 7¾–8¼
21	12.5	25.0	21.0	19.5	3.0	712.3	710.7	709.0	85	40	59	SE 0	NW 0	SE 0	0	0	0	**25.7**	
22	14.5	16.4	14.6	15.2	−1.2	712.1	712.7	714.9	94	96	87	SW 0	SW 0	W 0	10●	10●	9	11.6	●² 0³/₄–l, ●–18¼, K_A ☄ *)
23	12.4	20.3	15.8	16.2	−0.1	715.5	714.2	712.1	93	53	89	SW 0	NW 0	NW 0	1	1	0	.	≡ 6½–7
24	12.8	17.0	13.2	14.3	−1.9	709.8	709.3	709.1	85	78	89	SE 0	W 0	SW 0	8	10●	10	4.0	● 11³/₄–16, 22½–24
25	12.3	14.4	11.1	12.6	−3.5	711.4	714.0	715.6	86	78	94	SW 2	SW 0	SE 0	9	10●	0	2.7	● 1–6½, 8–14½, ☄ II
26	9.8	19.1	14.1	14.3	−1.7	714.5	712.6	711.3	86	54	81	SE 0	N 0	NW 0	2	4	1	.	⌓ l
27	11.6	24.4	11.0	15.7	−0.2	709.8	708.0	712.2	89	29	90	S 0	W 2	SW 1	2	8	10	6.0	☄ 13–18, ●° 15¾–16, *)
28	11.0	17.0	11.4	13.1	−2.7	713.4	714.3	715.7	92	34	63	SW 0	W 2	W 0	4	2	8	.	● 4½–6¼, ☄ 9½–18
29	**8.2**	18.9	14.2	13.8	−1.9	715.3	712.8	711.2	82	45	80	SE 0	NW 0	SW 0	1	0	0	.	☄ 6–7, ⌓ l
30	14.8	18.5	13.4	15.6	0.1	714.2	715.4	714.6	72	54	70	W 0	W 1	N 0	8	6	0	.	☄ 7³/₄–14
31	9.6	10.2	11.1	10.3	−5.1	713.1	712.5	**707.6**	81	95	100	W 0	N 0	NE 0	10	10●	10	18.4	● 7³/₄–17, 22½–6¼, ≡° *)
																		Summe	
Mittel	14.3	22.6	17.3	18.1	—	714.4	713.9	714.0	79	48	71				3.9	3.6	3.1	81.6	

*) 22. 4–6, ●° ◠ 19¼ *) 27. ● 19½–21¼ *) 31. 18½–n, ☄ 2–5

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$,
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

August 1923.
Observatorium.

1	15.6	23.6	18.0	19.1	−0.6	716.5	718.3	719.7	67	35	44	SW 1	SW 2	NW 2	9	3	0	.	p ☄
2	13.4	25.6	21.0	20.0	0.4	721.3	720.0	721.8	82	41	68	E 1	S 1	S 1	9	3	10	0.6	●° 20½–n
3	20.4	23.8	19.1	21.1	1.5	723.0	724.1	725.4	73	63	59	SW 1	SW 1	N 3	9	7	3	7.0	● 8–10, ☄ III
4	16.5	27.0	19.5	21.0	1.4	**727.3**	726.0	724.2	79	48	48	E 1	E 2	NE 1	0	0	0	.	
5	15.6	27.7	19.8	21.0	1.5	722.9	721.9	722.2	66	47	54	E 1	SE 1	NE 1	0	0	0	.	
6	15.4	28.9	21.5	21.9	2.4	722.7	721.8	721.0	83	32	56	E 1	E 1	N 0	0	0	0	.	
7	17.4	30.8	26.5	24.9	5.5	721.7	720.7	721.3	71	34	41	E 1	SW 1	N 1	4	2	1	.	
8	18.5	31.3	22.7	24.2	4.8	723.7	722.7	723.6	82	39	48	E 1	S 1	N 1	3	4	0	.	
9	17.9	32.2	24.2	24.8	5.5	725.1	724.4	724.2	77	32	47	E 1	S 1	N 1	2	0	0	.	
10	18.4	32.5	26.0	25.6	6.4	724.8	723.1	723.1	76	33	60	E 1	S 1	N 0	2	0	0	.	
11	20.8	32.4	23.5	25.6	6.4	724.0	722.7	723.3	81	43	64	E 0	E 1	N 1	6	7	0	.	p ☄
12	19.1	29.8	21.4	23.4	4.3	724.5	723.4	723.5	60	41	56	NE 2	E 1	N 1	2	2	0	.	
13	17.8	29.1	24.0	23.6	4.6	723.8	723.2	723.9	73	37	43	NE 1	S 1	N 1	2	0	0	.	
14	17.9	**33.6**	24.3	25.3	6.3	723.9	722.2	720.6	74	30	47	E 1	E 1	NE 1	2	0	0	.	
15	18.8	31.8	21.6	24.1	5.2	719.8	717.6	718.1	79	37	72	NE 1	SW 1	N 2	5	5	10	.	p ☄, ●° 21¼
16	17.7	24.3	17.2	19.7	0.9	721.3	721.7	721.4	68	49	69	E 1	E 1	N 2	9	7	0	.	
17	13.6	21.3	19.4	18.1	−0.7	720.7	719.2	718.0	77	69	**28**	NE 1	SW 1	N 2	6	9	3	.	≡° l, ☄ III–n
18	17.6	22.1	17.3	19.0	0.3	716.9	715.5	716.1	32	45	52	W 2	W 3	W 2	4	7	6	1.3	☄, ●° 15½, 18½, n ●
19	13.8	18.1	15.2	15.7	−2.9	719.1	720.0	721.0	69	40	60	NW 2	NW 2	N 1	9	8	8	0.1	☄ n–II
20	14.4	21.4	19.2	18.3	−0.2	720.8	720.7	720.4	63	52	55	NW 1	NW 1	SW 1	10	4	2	.	●° 6, 8
21	14.2	27.2	20.9	20.8	2.4	719.3	717.3	715.2	88	56	69	NE 1	S 1	SW 0	0	0	2	16.4	
22	16.2	16.5	14.6	15.8	−2.5	719.0	719.8	721.9	96	94	89	W 1	SW 1	SW 1	10	10	2	11.5	●² 3½–p, n ●°
23	13.0	22.6	15.8	17.1	−1.1	722.4	721.3	719.1	86	52	70	E 1	S 1	NE 1	1	0	3	.	
24	13.8	16.4	13.2	14.5	−3.6	716.0	716.3	716.1	91	81	89	W 1	NW 3	W 1	9	10	8	3.7	☄ II, ● 13–n
25	13.0	16.0	12.8	13.9	−4.1	718.7	721.0	722.5	74	68	82	W 1	SW 1	E 0	10	9	0	1.2	● n–II
26	10.7	21.0	14.2	15.3	−2.7	721.6	719.8	718.0	94	54	75	E 1	SW 1	SW 1	5	6	2	.	≡° l
27	13.0	23.2	12.4	16.2	−1.7	716.5	715.4	719.2	93	47	95	E 1	SW 1	W 1	2	9	10	1.7	● 18¼–n
28	12.6	19.0	14.0	15.2	−2.6	720.4	721.3	722.9	99	46	49	SW 2	SW 2	SW 1	0	2	7	.	☄ n–II
29	**9.6**	20.5	14.6	14.9	−2.8	722.3	720.2	718.0	82	38	66	W 1	S 1	SW 0	0	0	0	.	
30	14.6	21.6	15.8	17.3	−0.2	720.7	722.3	721.6	71	42	51	SW 3	SW 1	SW 0	4	1	2	.	☄ 5–l
31	12.3	11.0	12.2	11.8	−5.6	720.2	719.3	**714.2**	70	95	94	W 1	NE 1	W 0	10	10	10	**16.6**	● 8–n
																		Summe	
Mittel	15.6	24.6	18.8	19.7	—	721.3	720.7	720.7	77	49	61				4.4	4.0	2.9	60.1	

August 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{80}	13^{80}	21^{80}	Mittel	Abweich vom Normalst.	7^{80}	13^{30}	21^{80}	7^{80}	13^{80}	21^{80}	7^{80}	13^{80}	21^{80}	7^{30}	13^{80}	21^{80}		
1	16.9	19.4	14 4	16.9	−1.2	717.7	720.6	723.0	94	50	84	E 0–1	NE 0	NE 0	10●	7	0	0.3	●° l
2	14.1	21.6	19.4	18.4	0.3	723.7	722.9	724.4	77	45	76	E 0	NW 0	NW 0	0	0	10	.	
3	18.7	22.8	19.5	20.3	2.3	725.4	726.6	728.4	84	62	93	N 0	W 0–1	NW 0	10	7	10●	11.4	p ●
4	18.8	22.2	17.2	19.4	1.4	728.8	**729.8**	727.1	70	52	85	N 0	N 1	NE 0	3	4	0	.	
5	15.4	21.0	18.1	18.2	0.2	725.3	724.2	724.9	88	58	81	SW 0	N 0	NE 0	0	0	0	.	
6	15.9	24.7	18.4	19.7	1.8	725.0	723.8	724 3	88	41	60	S 0	NW 0	NE 0	0	0	0	.	
7	17.2	26.4	20.4	21.3	3.4	724.0	723.7	725.1	75	40	70	SW 0	N 1	NW 0	2	3	2	.	
8	21.5	28.3	20.2	23.3	5.4	726.9	725.5	726.8	69	41	82	N 0	N 1	NE 0	1	5	0	.	
9	18.3	27.2	21.4	22.3	4.5	728.0	727.7	728.2	84	45	60	N 0	N 0	N 0	1	0	0	.	
10	19.4	**29.3**	23.2	24.0	6.2	727.8	727.0	726.5	65	32	55	N 0	N 1	E 0	0	0	2	.	
11	19.1	26.4	20.2	21.9	4.2	726.3	724.9	727.7	69	55	92	W 0	NW 1	NW 1	3	5	10●	21.0	●² $16^{8}/_{4}$–n
12	19.4	23.0	19.5	20.6	3.0	727.7	727.0	727.7	92	53	90	N 0	N 1	NE 0	10	4	0	.	
13	18.0	25.3	21.4	21.6	4.0	726.9	726.1	727.2	85	50	70	E 0	NE 1	NE 0	0	0	9	.	
14	17.2	22.4	21.1	20.2	2.7	727.2	724.7	723.7	90	61	70	SE 0	NW 0–1	W 0	0	0	3	.	
15	18.3	26.2	19.0	21.2	3.8	722.8	721.4	721.0	79	52	90	E 0	W 0	W 0–1	3	6	10●	57 0	K ●² III–n
16	15.3	19.0	15.1	16.5	−0.9	725.1	724.9	725.0	92	55	80	S 0	W 1	NE 0	10●	5	6	.	●° l
17	14.0	20.1	16.4	16.8	−0.5	723.8	721.7	720.7	80	45	75	S 0	N 0	NW 0	1	8	8	.	
18	13.4	23.2	16.3	17.6	0.4	718.7	716.5	716.9	85	**30**	87	S 0	NW 0–1	NW 0	4	4	10●	17.3	● $20^{1}/_{3}$–n
19	12.8	17.7	13.8	14.8	−5.4	721.7	721.6	723.8	84	44	89	E 0	NW 0–1	NW 0	10●	8	10	2.5	● l
20	13.1	19.0	14.8	15.6	−1.5	723.9	722.9	723.7	95	48	85	E 0	W 0	SE 0	10●	3	6	0.2	●° l
21	14.2	22.5	18.4	18.4	1.4	726.4	719.4	718.9	85	52	70	E 0	NW 0	SE 0	0	0	0	.	
22	18.0	17.2	16.2	17.1	0.2	719.9	722.3	724.1	75	92	100	SW 0	W 0	W 0	10	10●	10	6.5	p ●
23	14.4	19.6	15.0	16.3	−0.5	725.7	723.9	721.9	79	50	70	N 0	W 0	NE 0	2	0	0	.	
24	21.3	20.1	13.4	18.3	1.5	718.0	717.6	718.7	35	42	96	S 1–2	NW 2–3	NE 0	3	9	10	22.3	⛈ II
25	13.6	14.5	12.6	13 6	−3.1	720.7	723.6	725.6	66	65	89	NW 1–2	NW 0	NW 0	10●	10	10	0.7	●² n–l
26	**11.0**	18.8	13.0	14.3	−2.3	724.2	721.9	720.6	62	70	91	E 0	NW 0	NE 0	0	1	0	.	
27	13.6	20.7	13.9	16.1	−0.4	718.4	716.7	721.6	87	46	95	S 0	NW 0	NW 0	0	6	10●	10.3	● III–n
28	13.6	17.1	13.7	14.8	−1.6	722.5	723.5	725.4	82	45	72	W 0	NW 0–1	NW 0	10●	4	10	1.0	● l
29	11.3	18.4	13.5	14.4	−1.9	725.0	722.1	720.6	75	45	85	SE 0	NW 0	NE 0	0	1	0	.	
30	14.8	18.6	15.3	16.2	0.0	722.0	724.7	724.2	90	53	86	N 0	NW 0–1	NW 0	8	7	9	.	
31	13.7	13.5	12.4	13.2	−2.9	722.2	721.6	**715.5**	76	87	96	N 0	NW 0	NW 0	10	10●	10●	31.9	p n ●²
																		Summe	
Mittel	16.0	21.5	17.0	18.2	—	723.9	723.2	723.7	79	52	81				4.2	4.1	5.3	182.4	

August 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$.

1	18.3	23.6	18.3	20.4	1.6	724.0	726.4	726.8	71	40	61	SW 1	SW 1	NNE 1	9	1	0	.	
2	15.0	22.2	19.7	17.9	−0.8	728.4	727.1	728.7	72	43	78	SSW 0	NNE 0	NE 0	0	8	10	0.6	
3	17.8	27.0	21.6	21.8	3.1	731.1	731.4	732.8	90	54	70	S 1	SW 1	SW 1	9●	2	0	.	●° n–l
4	18.0	24.0	20.6	20.7	2.0	**734.3**	732.6	731.0	71	53	68	NNW 1	NNE 1	NNE 1	1	0	0	.	
5	17.3	23.5	21.7	20.6	2.0	730.0	728.8	728.7	70	52	68	NNE 1	NNE 1	NNE 1	0	0	0	.	
6	17.8	26.0	22.4	22.1	3.5	729.7	728.6	727.7	78	41	48	SSW 0	NNE 1	NNE 0	0	0	0	.	
7	19.4	26.4	23.2	22.2	3.7	729.0	728.0	728.8	65	46	65	SSW 0	NNE 1	NNE 1	0	0	0	.	
8	18.6	28.3	23.5	22.8	4.3	731.0	729.5	730.2	75	43	65	NNE 0	NNE 1	NNE 1	0	0	0	.	
9	19.0	26.8	24.5	23.3	4.9	732.0	731.2	731.3	73	48	57	SSW 0	NNE 1	NNE 0	0	0	0	.	
10	19.3	30.0	24.6	23.2	4.8	732.0	730.4	730.0	70	41	61	NNE 0	NNE 1	NNE 0	0	0	0	.	
11	22.0	28.3	24.9	24.4	6.1	731.0	729.6	730.0	71	50	63	W 0	NNE 1	NNE 1	0	1	0	.	
12	20.6	26.6	23.3	23.5	5.2	731.3	730.2	730.2	70	55	65	NNE 1	NNE 1	NNE 1	0	0	0	.	
13	18.6	26.0	24.6	22.6	4.4	731.0	730.4	730.3	75	51	54	SSW 0	NNE 1	NNE 1	0	0	0	.	
14	19.6	27.8	24.4	23.6	5.4	730.7	729.3	727.6	67	44	57	SW 0	NNE 1	SW 0	0	0	0	.	
15	20.0	**34.0**	27.0	26.0	7.9	727.0	724.8	725.0	70	**27**	50	N 0	SW 2	NNW 1	1	0	9	0.2	⛈ II, K ●° $20^{1}/_{2}$
16	20.0	22.8	18.5	20.9	2.9	727.7	728.4	728.0	74	44	34	NNE 1	NNE 1	NNE 0	8	0	0	.	
17	14.4	24.8	18.4	18.8	0.8	728.0	726.7	725.6	67	32	43	SSW 0	SW 1	SW 0	0	3	0	.	
18	17.8	25.7	20.0	20.3	2.4	725.5	724.5	724.2	47	32	40	SSW 0	SW 2	SW 1	0	2	9	.	⛈ II
19	15.2	19.6	16.0	17.4	−0.4	727.2	727.7	727.6	73	63	63	SE 1	E 1	NNE 1	5	4	0	.	
20	13.4	25.0	19.2	18.2	0.5	728.0	727.7	727.8	73	40	57	NW 1	SW 1	NNE 0	9	1	0	.	
21	16.4	27.0	23.4	21.7	4.1	726.2	724.1	**722.5**	72	43	61	NW 0	SSW 1	SW 1	0	0	1	20.2	n ($^{21}/_{22}$) K ●²
22	16.0	18.8	17.3	19.0	1.4	726.9	727.5	728.8	96	86	64	WNW 0	SW 0	NW 1	10●	10	9	5.0	● n–$10^{1}/_{4}$
23	14.4	20.4	17.7	17.4	−0.1	729.5	728.1	726.1	78	52	73	SW 0	NNE 1	NNE 1	1	0	0	.	
24	16.4	14.6	15.7	15.7	−1.7	722.6	725.7	724.4	75	93	77	NE 0	S 1	SW 1	10	10●	9●	20.0	p n ●²
25	13.2	17.8	15.2	15.7	−1.6	726.9	728.4	729.2	86	57	81	SE 0	NNE 1	NNE 1	9	10	0	.	
26	12.3	19.4	15.8	15.6	−1.6	729.0	726.8	725.4	84	57	80	SE 0	NNE 1	NNE 0	0	1	0	.	
27	16.0	25.4	15.3	18.1	1.0	723.6	722.6	726.9	81	39	66	SE 0	SW 2	NW 1	2	9	9	.	⛰ l, ⛈ II, K $19^{1}/_{2}$
28	12.6	19.8	13.0	15.3	−1.7	729.1	729.6	730.1	68	41	66	S 1	SW 1	SW 0	3	1	0	.	
29	**10.0**	19.0	17.5	15.5	−1.4	729.5	727.4	725.9	76	46	32	SSW 1	NNE 0	SW 1	0	0	1	.	
30	16.6	21.0	16.0	18.9	2.1	729.2	729.7	728 5	42	43	69	SW 1	SW 1	NW 0	6	0	2	1.8	n ($^{30}/_{31}$) ●
31	12.0	11.8	12.5	12.1	−4.6	727.4	725.3	723.4	95	90	97	SE 0	NNE 0	SW 0	10●	10●	10●	**36.7**	●² n–17, 20–n
																		Summe	
Mittel	16.7	23.7	19.9	19.9	—	728.7	728.0	727.8	73	50	62				3.0	2.4	2.3	84.5	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$H_b = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$

Zürich.

August 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	14.6	22.2	13.6	16.8	−1.3	715.4	717.4	720.1	92	44	78	W	1	NW	2	W	1	10●	3	0	0.8	●° n–9¼, ↙ II
2	11.8	25.8	19.8	19.1	1.0	720.8	719.8	721.1	90	37	71	E	0	W	1	E	1	0	1	10	.	
3	19.4	19.7	17.2	18.8	0.7	722.2	723.7	725.6	82	91	100	SE	0	SW	1	NW	0	5	9	10	18.0	●° 10, ● 12¾–II, ↖ ●²
4	15.0	22.8	15.8	17.9	−0.1	**727.2**	726.0	724.0	87	48	74	E	0	NW	1	NE	1	4	1	0	.	[16½–19, ⌒³-III
5	13.4	24.8	17.1	18.4	0.4	722.8	721.7	721.9	72	47	73	W	0	N	1	NE	0	0	0	0	.	
6	14.2	27.8	18.3	20.1	2.1	722.1	721.4	720.9	82	40	78	NE	0	W	1	SW	0	0	1	0	.	
7	15.8	30.7	20.2	22.2	4.3	721.3	720.6	720.8	85	34	79	E	0	SW	1	SE	0	0	2	1	.	
8	18.8	29.2	19.1	22.4	4.5	723.0	722.4	723.1	88	41	55	SE	0	N	1	E	1	0	7	0	.	
9	16.2	31.2	20.6	22.7	4.9	724.3	723.9	723.8	81	36	74	NE	0	SW	1	E	1	0	0	0	.	
10	18.2	**33.9**	23.0	25.0	7.2	723.7	722.6	722.9	80	**29**	78	SE	0	W	1	NE	1	0	0	0	.	
11	20.1	28.2	22.4	23.6	5.9	723.2	722.6	723.0	82	54	71	NW	1	NW	1	NE	1	4	3	5	.	↖ III
12	17.0	25.7	19.2	20.6	3.0	724.3	723.6	723.3	74	47	71	N	0	E	1	NE	1	5	1	1	.	
13	15.3	28.4	19.4	21.0	3.4	723.4	722.8	723.5	78	39	70	NW	0	NW	1	N	1	0	0	1	.	
14	16.6	29.6	20.6	22.3	4.8	723.4	722.2	720.7	82	33	58	N	0	E	1	E	0	0	0	0	.	[21¾–22¼, ↖-n
15	17.5	31.6	19.8	23.0	5.6	719.4	717.0	717.6	85	40	95	E	0	SW	1	NE	1	1	4	10	12.8	↖ ↙ ● ▲ 18–19¼, ↖ ●
16	14.8	20.6	13.6	16.3	−1.1	721.0	721.6	721.6	94	61	55	E	0	W	1	NE	1	10	5	2	0.1	
17	11.7	20.6	15.2	15.8	−1.5	720.2	718.9	717.6	78	41	60	S	0	W	1	SE	0	6	9	7	.	
18	16.6	22.6	16.3	18.5	1.3	715.8	714.5	713.9	46	46	76	SW	2	W	3	NE	3	2	6	4	2.5	↙, n ↖ ●
19	13.4	16.6	15.0	15.0	−2.1	718.3	719.3	720.7	78	57	72	NW	1	NW	2	W	0	8	8	10	0.7	↙ a–II
20	13.3	18.8	12.8	15.0	−2.1	720.2	720.3	720.7	94	60	95	S	0	W	2	NW	0	10●	8	3	0.1	●° 5½–8, ↙ II
21	13.4	27.2	19.2	19.9	2.9	718.8	716.9	715.4	96	42	82	E	0	SW	1	E	1	0	0	0	1.2	
22	15.9	17.2	13.2	15.4	−1.5	718.3	718.8	721.4	93	91	97	NW	2	SW	1	NE	0	10●	0	10	15.0	↖ ↙ ●² 7¼–8, ●°–15, ↖
23	12.0	23.4	14.6	16.7	−0.1	722.0	720.9	718.9	100	44	89	E	0	W	1	NE	0	1	1	1	.	a ≡° [● ↙ 17¼–19½
24	14.6	17.6	14.9	15.7	−1.1	715.8	715.6	715.6	88	76	78	SE	1	NW	3	W	1	5	10●	10●	1.4	↙, a ●°, ● 11–21¾
25	13.8	13.6	12.2	13.2	−3.5	717.5	720.3	722.3	85	93	98	W	1	W	1	SE	0	8	9●	2	1.2	● 18¾–2, 4¼–4⅜, 9¾–II
26	11.4	21.4	13.3	15.4	−1.2	721.3	719.5	717.7	98	54	94	SE	0	SE	0	SW	0	10	5	5	.	≡° n–9
27	12.5	25.4	12.8	16.9	0.4	715.9	714.3	718.8	100	42	82	SE	0	W	1	W	2	2	6	10	2.8	● 17⅜–18, 19½–22¼, ↙ III
28	11.6	19.0	11.6	14.1	−2.3	719.6	720.4	722.1	92	38	82	W	1	W	3	NW	0	9	2	6	0.3	●° 6–8¾, ↙-p
29	**8.6**	22.0	14.2	14.9	−1.4	721.9	719.6	717.6	96	38	90	E	0	W	1	E	0	1	2	1	.	
30	15.4	20.4	11.4	15.7	−0.5	719.8	721.9	721.7	69	54	86	W	2	W	1	NE	0	7	6	5	.	↙ I
31	11.4	13.7	12.0	12.4	−3.7	719.6	719.0	**713.6**	77	84	99	NE	1	E	1	NE	1	6	10	9	6.6	● 10¾–12, 14½–16½, [↙-III
																					Summe	
Mittel	14.7	23.6	16.4	18.2	—	720.7	720.3	720.4	85	51	79							4.0	4.2	4.0	63.5	

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$.
$H_b = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$

Rigi-Kulm.

August 1923.
Beobachter: *Fr. Schreiber.*

1	6.6	6.8	8.0	7.1	−2.9	612.6	614.5	617.0	99	99	35	NW	3	NW	3	W	0	10●≡	10	0	3.3	● ≡ n–I, ↙ ≡°–II
2	10.6	16.6	17.2	14.8	4.8	617.8	618.7	619.9	5	12	20	W	0	S	1	W	1	0	0	7	.	
3	12.0	11.4	11.4	11.6	1.6	620.9	621.7	622.2	40	97	96	W	1	W	0	W	0	5	10	10●≡	15.0	● ≡ III–n
4	8.4	8.8	11.4	9.5	−0.5	623.3	623.0	622.5	83	50	72	NE	0	SW	0	SW	0	5	5	0	.	
5	14.0	16.2	13.4	14.5	4.6	621.4	620.4	620.2	**0**	33	4	SW	0	SW	0	SW	0	0	0	0	.	
6	12.2	15.4	14.6	14.1	4.2	620.8	620.2	620.7	22	25	5	SW	0	SW	0	SW	0	0	0	0	.	
7	14.4	17.4	16.0	15.9	6.0	620.9	620.6	620.9	20	22	30	W	0	W	0	W	0	0	0	0	.	
8	14.4	17.6	16.0	16.0	6.1	621.6	622.4	621.7	46	38	28	W	0	W	0	W	0	0	0	0	.	
9	16.2	18.6	18.2	17.7	7.9	622.9	623.1	624.3	27	20	15	W	0	W	0	W	0	0	0	0	.	
10	18.0	**23.0**	19.0	20.0	10.2	**624.5**	623.9	623.4	16	14	20	W	0	W	0	W	0	0	0	0	.	
11	17.4	17.2	13.8	16.1	6.4	622.5	622.3	622.5	36	47	75	NW	1	NW	0	NW	0	5	3	3	.	
12	13.8	15.8	14.4	14.7	5.0	622.0	622.6	622.0	57	57	21	NW	0	NW	0	W	0	5	0	0	.	
13	13.2	15.6	13.4	14.1	4.5	621.4	621.9	622.5	39	34	35	W	0	W	2	NW	0	0	0	0	.	
14	15.0	19.0	16.8	16.9	7.3	622.0	621.9	621.2	29	23	18	W	0	NW	0	W	2	0	0	0	.	
15	17.4	18.6	17.2	17.7	8.2	619.1	619.0	617.0	25	20	26	NW	1	NW	1	NW	2	3	3	7●	**95.0**	↖ ●² 20¼–n
16	6.2	9.2	6.0	7.1	−2.4	617.1	618.3	618.3	98	72	65	NE	1	W	0	W	0	10	10	0	.	≡° n–II
17	7.4	11.0	8.6	9.0	−0.4	616.6	616.1	615.3	46	40	25	NW	1	NW	1	NW	2	3	7	7	.	
18	6.6	11.2	9.0	8.9	−0.5	614.1	613.2	**611.8**	25	15	40	W	3	NW	2	NW	4	0	0	10	25.2	↙ I, III, n ●²
19	3.4	4.4	4.0	3.9	−5.4	613.9	614.8	616.0	98	98	68	NW	1	NW	0	NW	1	10●≡	10	3	11.0	a ● ≡, ≡° II
20	7.6	7.0	9.0	7.0	−1.3	616.5	616.7	617.0	85	68	62	NW	1	NW	2	NW	1	10●	7	3	0.8	●° I
21	11.4	15.8	16.4	14.5	5.3	617.5	616.9	616.4	28	26	18	W	0	W	0	W	0	0	0	0	.	
22	10.4	8.0	8.2	8.9	−0.2	616.0	616.5	617.0	97	95	97	W	0	W	1	NW	1	10≡	10●	10●≡	21.7	≡ I, III, ●
23	6.0	11.8	12.2	10.0	1.0	618.0	618.4	617.3	54	44	34	NW	0	SE	0	SW	0	0	0	0	.	
24	12.4	9.2	8.0	9.9	1.0	614.5	613.3	613.4	21	54	38	SE	3	NW	3	NW	1	3	10	5	11.2	↙ n–II, n ●
25	3.2	4.8	4.8	4.3	−4.6	613.3	616.2	617.9	99	95	90	NW	2	NW	1	NW	0	10●≡	10≡	10	8.8	a ●, ≡
26	4.2	15.6	10.4	10.1	1.3	617.3	617.1	616.6	50	35	55	E	0	SE	0	SE	0	0	0	3	.	
27	12.4	14.4	11.2	12.7	4.0	614.7	613.9	614.5	13	17	90	W	0	W	0	NW	1	0≡	3	10●≡	9.8	● ≡ III–n
28	**3.0**	4.6	4.2	3.9	−4.7	614.9	616.4	616.8	98	98	44	NW	1	W	1	W	0	10	10	3	.	≡ n–II
29	**3.0**	11.2	10.8	8.3	−0.2	617.1	616.9	616.4	47	23	22	W	0	S	0	S	0	3	0	0	.	
30	7.4	6.0	7.2	6.9	−1.6	616.9	618.4	617.3	34	99	90	NW	1	NW	1	W	0	5	10≡	5	.	≡ II
31	8.8	8.0	7.4	8.1	−0.3	616.0	614.9	614.6	30	53	74	W	0	NE	1	NW	1	5	10	10	21.8	n (31/1) ●
																					Summe	
Mittel	10.2	12.6	11.6	11.5	—	618.3	618.5	618.5	47	49	46							3.6	4.1	3.4	223.6	

August 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$.
$H_b = 1707.6^{m}$, $G = -0.12\ ^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰		
1	12.0	15.6	8.9	12 2	0.3	617.0	618.8	623.0	92	61	69	SW o	SW 2	SW o	10	7	o	7.5	● n–9¾, ⛈
2	6.7	20.8	12.9	13.5	1.7	624.7	624.1	626.5	84	42	75	SW o	SW 1	SW o	1	1	5	.	
3	12.8	20.4	10.9	14.7	3.0	626.8	626.3	628.1	80	51	87	SW o	SW 1	S o	6	9	1	6.2	⛆° ⛈ ● 10⅝–11, ⛆ ● [15–15¾
4	10.8	20.6	9.9	13.8	2.1	628.7	627.5	627.7	90	35	65	E o	SW 1	SW o	1	1	o	.	
5	7.7	22.8	12.8	14 4	2 8	626.4	624.5	625.7	81	29	59	E o	SW 1	E o	o	1	o	.	
6	8.8	22.1	13.9	14.9	3.4	625.9	625.0	625.9	76	32	53	SW o	W 1	N o	o	1	1	.	
7	8.8	22.8	13.1	14.9	3.4	626.1	625.2	626.7	75	37	61	SW o	W o	W o	1	4	1	.	
8	10.1	23.5	13.5	15.7	4.3	627.4	626.7	628.6	79	41	62	S o	W o	S o	1	1	1	.	
9	10.0	24.2	14.0	16.1	4.8	629.3	628.6	630.1	80	34	57	S o	S o	NE o	o	o	o	.	
10	10.2	26.4	14.5	17.0	5.7	630.3	628.7	629.2	72	28	60	S o	S 1	SW o	o	o	o	.	
11	13.2	25.5	13.1	17.3	6.1	628.0	626.3	627.4	77	39	89	E o	SW 1	SW o	1	2	5	5.1	⛆° ● 16–17, ⛆ ●² 19–19½
12	10.4	22.7	14 4	15.8	4.7	627.5	626.3	627.2	88	36	62	N o	W 1	SW o	1	1	1	.	
13	10.0	23.8	14 9	16.2	5.2	627.1	626.1	627.9	84	34	56	SW o	W o	W o	1	1	o	.	
14	10.0	25.6	15.6	17.1	6.2	627.8	626.2	626.8	82	36	61	SW o	W 1	W o	o	1	o	.	
15	11.8	23.5	12.3	15 9	5.0	625.8	623.9	623.6	81	52	89	S o	SW 2	N o	1	3	5	14.0	⛈ II, ●° 17½, ⛆ ● 19–19¾
16	10.0	17.5	8.4	12.0	1.2	622.3	622.5	623.6	90	47	63	N 1	W 1	N o	10	6	o	9.0	⛆² ● 15–17½
17	5.8	16.2	11.0	11.0	0.3	622.4	620.7	620.9	83	52	74	S o	SW 2	SW o	3	8	6	.	⛈ a–II
18	7.3	18.6	9.5	11.8	1.2	618.8	617.5	616.7	88	40	82	S o	S 2	E o	1	6	2	3.5	⛈ a–II, ● 20½–21, ⛆ III
19	7.6	10.0	6.7	8.1	−2.4	618.4	620.0	622.3	69	57	75	N o	W o	W o	9	9●	8	0.1	●° 12½–p
20	7.6	12.4	8.8	9.6	−0.8	622.5	622.0	623.0	76	58	71	W o	SW o	NE o	10●	9	5	.	●° I
21	6.2	20.7	11.9	12.9	2.6	623.2	621.7	623.2	88	43	76	S o	SW 1	NE o	o	o	o	.	
22	8.4	13.0	8.6	10.0	−0.2	622.3	621.3	623.5	89	75	94	SW o	SW 2	NW o	5	10●	9	14.7	⛈ II, ● 13¼–15, ⛆² 16½, [●–19¼
23	8.0	17.5	10.4	12.0	1.9	624.5	623.9	624.8	89	52	77	S o	W 1	W o	10	1	o	.	
24	6.9	16.8	6.4	10.0	0.0	623.0	619.8	619.3	87	46	85	S o	SW 1	N o	3	9	10●	21.1	⛆ 19, ● 18–n
25	6 6	9.8	7.9	8.1	−1.8	618.4	620.1	623.0	90	63	68	N o	NE o	NW 1	9●	10●	6	0.2	●°
26	2.4	18.3	8.7	9.8	0.0	623.4	621.4	622.9	89	41	73	SW o	SW o	W o	6	1	1	.	≡° I
27	6.1	17.9	12.5	12.2	2.5	621.5	619.9	620.1	92	51	74	S o	W 2	W 1	1	4	3	0.8	⛈ II
28	7.4	12.5	5.2	8.4	−1.2	619.7	620.3	623.3	89	57	67	NW o	NW 3	S o	10●	3	1	.	●° 7¼–7⅝, ⛈ II
29	2.8	15.6	10.0	9.5	0.0	623.9	622.7	623.8	83	54	82	NE o	S 2	NE o	5	1	3	.	≡° I, ⛈ II
30	6.1	19.2	10.9	12.1	2.7	623.2	622.2	623.6	89	46	79	W o	SW 1	W o	1	3	6	2.1	
31	9.8	11.1	10.3	10.4	1.1	622.7	622.7	620.5	95	82	94	SW o	SW o	S o	4	10●	10●	18.7	● n–7, 10¼–n, ⛆ 20¾–n
																		Summe	
Mittel	8.5	18.9	11.0	12.8	—	624.2	623.3	624.5	84	47	72				3.6	4.0	2.9	103.0	

August 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$H_b = 541\ 8^{m}$, $G = 0.00\ ^{m}/_{m}$.

1	17.3	21.4	16.5	18.4	−1.0	710.5	711.9	714.4	90	49	48	W o–1	SW 1–2	NE o	10●	2	o	.	●° ◠ I
2	14.6	25.8	18.8	19.7	0.3	716.5	714.2	717.3	67	39	84	NE o	N o	NE o	o	2	10●	1.3	● 20–n
3	17.6	21.7	20.2	19.8	0.5	718.1	719.0	719.5	98	73	74	N o	S o	N 1–2	7	9	8	0.3	●° 9½
4	18.7	25.2	19.8	21.2	1.9	721.3	719.2	718.2	68	49	72	N o	SW 1–2	N o	2	2	o	.	
5	17.8	26.4	21.0	21.7	2.5	717.6	715.1	716.1	83	45	52	NE o	SW 1–2	NE o	o	o	o	.	
6	17.6	27.4	21.5	22.2	3.1	717.7	715.6	715.9	63	38	35	NE o	SW o	NE o–1	o	o	o	.	
7	18.3	29.4	22.7	23.5	4.5	717.1	715.3	716.1	54	31	40	NE o	SW o–1	N o–1	o	1	o	.	
8	18.8	29.0	23.2	23.7	4.7	718.8	716.5	718.0	61	37	35	NE o	W o	NE o–1	o	o	o	.	
9	19.4	30.0	24.6	24.7	5.8	720.4	717.5	719.2	58	34	37	NE o	W o	NE 1	o	o	o	.	
10	20.0	30.8	24.9	25.2	6.4	720.5	717.7	717.7	52	34	34	NE o	SW 1	NE o–1	o	o	o	.	
11	20 4	30.2	26.1	25.6	6.9	718.7	716.5	716.7	55	44	46	NE o	SW o–1	NW 1	o	1	3	.	
12	20.4	28.4	22.6	23.8	5.2	718.8	716.5	717.4	77	53	45	NE o	W o	NE o–1	o	3	1	.	
13	18.3	28.0	23.1	23.1	4.5	718.6	716.6	717.8	71	46	44	NE o	SW 1–2	NE o	o	o	o	.	
14	19.7	29.0	24.2	24.3	5.8	718.6	716.0	715.1	66	46	47	NE o	SW 1	NE o–1	o	o	o	.	
15	20.1	29.0	23.0	24.0	5.6	715.2	711.8	713.2	66	43	58	NE o	SW o–1	W o–1	1	5	7●	14.7	● ⛆ 21¼–n, ⛆ 24
16	17.6	22.9	17.3	19.3	1.0	714.6	713.9	715.0	98	43	46	NE o	W 2–3	NW o	9	3	o	.	⛈ II
17	14.7	20.9	16.6	17.4	−0.8	715.1	713.0	712.9	68	43	56	NE o	SW 1	NE o	6	10	2	.	●° 14½
18	13.5	24.6	21.1	19.7	1.6	712.5	709.2	709.5	66	31	29	NE o	SW o–1	W 1	o	3	10●	3.2	● 20½–n
19	15.5	21.0	14.6	17.0	−1.0	713.8	713.6	715.3	73	34	49	NE o	SW 2–3	SW o	5	4	o	.	⛈ II
20	11.5	20.4	17.0	16.3	−1.6	716.0	715.2	715.1	83	46	57	N o	W o	NE o	10	6	1	.	●° 8½, 9½
21	14.4	25.8	21.2	20.5	2.7	714.8	711.6	711.4	85	39	37	NE o	SW 1–2	NE o	o	o	o	.	
22	16.8	16.9	15.5	16.4	−1.3	713.0	714.6	717.3	70	90	100	SW 1–2	NW o	NW o	10	10●	5	5.0	⛆° ● 7⅝–8⅝, ● II
23	15.2	23.0	16.6	18.3	0.7	716.9	715.4	715.0	86	41	63	N o	SW o–1	NE o	3	2	o	.	
24	15.6	21.2	12.8	16.5	−1.0	712.7	708.7	711.5	66	44	100	NE o	W 3–4	SW o	6	9	10●	10.0	⛈ II, ● 14–17, III–n
25	12.9	16.2	11.9	13.7	−3.7	713.5	714.7	716.9	95	54	77	NW o	SW 1	NW o	8	8	1	.	◠² I
26	10.2	20.6	15.9	15.6	−1.7	716.6	713.6	713.9	79	41	69	NE o	SW 1–2	NE o–1	1	1	o	.	
27	12.8	25.2	16.6	18.2	1.0	712.7	708.9	711.6	74	34	53	NE o	NW o	SW 2–3	1	4	7	.	⛆ I, ⛈ III
28	13.2	19.7	13.4	15.4	−1.7	714.6	714.6	716.9	76	38	46	NE o	SW 1–2	W o	3	1	2	.	
29	10.6	21.0	15.4	15.7	−1.3	717.7	714.3	714.0	80	40	63	NE o	NW o	N o	o	o	o	.	
30	13.0	22.0	15.7	16.9	0.0	715.2	714.7	715.6	93	42	53	NE o	NW 1–2	NW o	9	2	1	0.3	●° 6½
31	13.5	15.1	14.0	14.2	−2.5	714.5	713.9	709.1	90	97	100	NW o	W o	NE o	10	10●	10	8.1	●° 6½, 7¾, 9½, ● 12–18¼
																		Summe	
Mittel	16.1	24.1	19.0	19.7	—	716.2	714.5	715.3	75	46	56				3.3	3.2	2.5	42.9	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

August 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	21.4	28.6	20.8	23.6	2.3	731.0	731.5	734.4	77	49	37	SE	o	SSE	o	N	o	9	4	o	.	
2	17.6	28.4	22.4	22.8	1.5	738.8	739.0	740.0	61	50	72	NNE	o	SE	o	N	o	o	3	6	.	
3	22.0	28.6	21.2	23.9	2.7	741.0	740.2	740.5	72	49	74	NNE	o	SSE	o	NNE	o	8	9	o	.	●° 10
4	20.6	31.2	21.2	24.3	3.1	740.7	739.7	739 8	63	42	64	SW	o	SE	o	N	o	3	o	o	.	
5	21.6	29.8	22.4	24.6	3.5	739.9	737.9	737.1	73	51	72	NW	o	SE	o	NW	o	9	3	o	.	
6	19.8	30.2	22.6	24.2	3.1	738.9	738.1	738.6	64	47	69	NNE	o	ESE	o	N	o	o	1	o	.	
7	22.4	29.4	21.8	24.5	3.5	739.8	738.7	739.2	58	50	71	N	o	SSE	o	N	o	4	3	o	.	
8	21.8	30.8	23.4	25.3	4.3	740.6	739.4	739.9	76	50	71	N	o	S	o	N	o	o	o	o	.	
9	21.4	32.2	23.4	25.7	4 8	741.6	740.8	741.8	59	46	55	NNE	o	SE	o	N	o	o	o	o	.	
10	22.2	32.2	24.2	26.2	5.3	743 2	741.7	741.3	70	49	66	N	o	SE	o	N	o	o	o	o	.	
11	24.0	32.4	23.0	26.5	5.7	740.5	738.6	738.3	67	52	74	NW	o	SSE	o	N	o	3	o	2	.	
12	22.8	31.4	23.4	25.9	5.1	740.3	738.4	739.1	69	50	63	NW	o	SE	o	N	o	o	o	o	.	
13	22.2	30.0	23.2	25.1	4.4	740.4	739.5	740.2	71	46	68	N	o	SE	o	N	o	o	o	o	.	
14	22.6	30.4	24.2	25.7	5.1	740.9	739.5	738.8	69	48	66	NNE	o	SSE	o	N	o	o	o	o	.	
15	23.4	26.0	22.4	23.9	3.3	739.1	737.6	735.4	72	61	57	NNE	o	WSW	o	NNE	1	8	7	10	.	●° 14, ◁^{2} lll
16	21.0	28.0	21.2	23.4	2.9	734.7	733.7	735.6	56	51	32	NNE	o	SSE	1	NNE	o	8	3	o	.	⸝ 16½–18½
17	19.2	21.8	17.2	19.4	−1.0	736.7	736.8	735.8	56	66	81	N	o	SE	o	N	o	9	9	o	.	
18	18.0	26.6	18.2	20.9	0.5	733.6	732.0	729.7	67	44	72	N	o	SSE	o	N	o	6	4	o	.	
19	21.2	27.0	19.8	22.7	2.4	730.5	732.0	735.7	28	24	30	N	2	NE	3	NNE	1	o	2	o	.	⸝ 5½–19½
20	16.0	27.0	18.8	20.6	0.4	736.7	736.1	736.1	54	38	52	NNE	o	SSE	o	N	o	3	3	o	.	
21	16.8	27.6	19.8	21.4	1.3	737.2	736.6	737.2	64	46	65	NNW	o	S	o	N	o	o	o	o	.	
22	18.4	23.2	16.1	19.2	−0.8	737.1	736.3	737.3	76	60	82	NNW	o	SW	o	N	o	10	10	o	5.3	● 14¼–14¾, 16–17
23	14.9	24.7	18.5	19.4	−0.6	738.7	739.2	739.7	69	52	73	NNE	o	SSE	o	NW	o	4	3	1	.	
24	19.3	24.2	15.2	19.6	−0.3	738.0	734.4	732.2	70	53	64	NNW	o	SW	1	N	1	7	10	5	22.7	● 16–20½
25	14.7	25.8	20.8	20.4	0.6	730.8	731.9	736.0	69	26	28	NNE	1	NE	4	NE	4	o	1	2	.	⸝ 1–1
26	14.6	27.5	16.7	19.6	−0.1	737.6	736.3	736.9	54	36	61	N	o	S	o	N	o	o	o	o	.	
27	14.9	27.0	19.2	20.4	0.8	736.1	734.8	734.5	66	45	64	NNE	o	SE	o	N	o	o	3	8	.	
28	18.0	26.5	16.9	20.5	1.0	734.0	733.9	736.3	75	47	50	N	o	SSE	o	N	o	7	2	3	.	
29	15.7	24.2	18.5	19.5	0.1	739.9	739.5	739.4	53	47	75	NNW	o	S	o	N	o	9	7	10	.	
30	18.2	26.2	18.8	21.1	1.8	738.4	737.4	738.2	77	48	71	NNE	o	SE	o	N	o	o	1	1	5.0	
31	18.4	17.9	17.7	18.0	−1.2	737.5	737.8	734.8	82	83	84	SE	o	N	o	N	o	10	10	10	58.4	● 1½–2½, ●^{2} 9½–14, [19–n
																					Summe	
Mittel	19.5	27.6	20.4	22.5	—	737.9	737.1	737.4	66	49	63							3.8	3.2	1.9	91.4	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

August 1923.
Bernoullianum.

1	16.0	21.8	16.7	18.2	−0.7	733.6	736.1	738.1	72	39	67	S	1	W	2	S	1	5	3	o	.	
2	14.1	25.2	22.5	20.6	1.7	739.0	737.1	738.4	71	28	62	E	1	E	1	E	1	o	o	3	2.2	●° 23, 23½
3	17.9	20.5	18.6	19.0	0.2	740.8	741.9	744.1	96	86	72	SE	1	SE	o	S	1	10●	6	8	12.2	● 1, 5, 7–11³/₄, 14¼–14³/₄
4	14.2	21.7	17.2	17.7	−1.1	746.3	744.8	742.8	91	43	67	E	o	N	1	W	o	8	o	o	.	
5	13.2	23.8	19.6	18.9	0.2	741.6	740.1	740.1	80	44	62	E	1	N	1	W	1	o	o	o	.	
6	15.6	27.5	21.1	21.4	2.7	740.3	738.8	738.6	79	36	70	E	1	E	1	W	1	o	2	o	.	
7	17.6	29.9	23.6	23.7	5.1	738.7	737.9	738.9	72	35	66	SE	1	NW	o	S	o	o	2	o	.	
8	19.2	28.9	21.8	23.3	4.7	741.4	740.6	741.2	77	29	63	E	1	NW	1	S	o	o	7	o	.	
9	17.6	30.3	22.6	23.5	5.0	742.5	741.8	741.8	74	24	64	E	1	NW	1	SE	1	o	o	o	.	
10	20.2	32 8	25.6	26.2	7.7	741.4	740.6	740.8	71	35	53	SE	o	SW	2	W	o	o	o	o	0.8	
11	18.9	26.8	22.2	22.6	4.2	742.2	741.4	741.6	91	56	60	SW	1	NW	1	W	1	9●	5	o	.	K ●° 6³/₄–7³/₄
12	16.1	25.4	20.5	20.7	2.4	743.0	741.9	741.9	72	43	58	SW	1	NW	1	W	1	o	1	o	.	
13	15.5	26.6	21.7	21.3	3.0	742.2	741.2	741.0	84	40	61	E	1	W	1	W	1	o	o	o	.	
14	17.4	28.3	23.1	22.9	4.7	741.8	740.2	738.6	74	36	62	SE	1	NW	1	SW	o	o	o	o	.	
15	18.5	31.9	20.8	23.7	5.6	736.8	734.2	736.4	81	35	92	E	1	W	2	W	o	3	1	10●	5.0	K ● ▲ 18¼, ● 20–21³/₄
16	15.5	18.9	15.4	16.6	−1.5	739.8	740.5	740.1	76	55	69	N	2	W	1	NW	o	10	5	o	.	
17	11.3	20.7	17.8	16.6	−1.4	738.9	737.0	735.4	76	41	56	E	1	SW	1	SE	1	7	6	5	.	
18	17.6	20.2	17.5	18.4	0.5	734.1	733.6	732.4	40	55	64	SW	1	W	2	W	2	9	6	10	3.9	p ⸝, ● 18½–19, 22–23¼
19	14.0	17.4	14.2	15.2	−2.6	736.8	737.8	738.9	80	62	84	SW	2	SW	2	S	o	10	10	7	3.5	⸝ n–ll, ● 9–9½, 14–18½
20	13.0	17.6	16.4	15.7	−2.0	738.5	738.5	738.6	95	71	87	E	o	SW	1	S	1	10●	10	9	1.3	● 4¼–9¼
21	15.1	26.2	20.8	20.7	3.1	736.4	733.6	731.8	81	45	72	E	1	N	1	E	o	1	o	8	10.8	
22	16.2	19.0	14.2	16.5	−1.0	736.0	736.4	739.5	96	88	89	S	1	E	1	S	1	10●	10	2	8.4	● 4³/₄–11³/₄, 14¼
23	13.4	21.2	17.6	17.4	0.0	740.6	738.7	736.1	84	46	69	E	1	E	o	E	o	7	1	2	.	
24	15.6	16.6	15.6	15.9	−1.5	732.5	734.5	732.8	79	80	79	E	1	W	1	E	1	5	10	10	0.5	●° 14½–14³/₄
25	14.2	17.8	14.0	15.3	−2.0	736.0	738.7	740.5	78	63	89	SW	1	W	1	SW	1	10●	8	2	0.6	●° 6½–8
26	10.6	20.8	16.6	16.0	−1.2	739.6	737.2	735.4	90	49	73	E	1	NE	1	E	1	5	8	7	.	
27	14.2	24.6	13.6	17.5	0.4	733.3	732.0	736.9	80	40	95	E	1	W	2	E	1	5	9	9	2.0	● 14½, 16³/₄–20¼
28	13.6	18.2	13.4	15.1	−1.9	738.6	739.5	740.4	67	41	67	SW	1	W	3	S	1	5	6	1	.	⸝ ll
29	10.0	20.0	16.8	15.6	−1.3	740.3	737.3	734.5	77	42	59	SE	1	E	1	SE	1	2	2	2	.	
30	15.2	18.6	13.5	15.8	−0.9	739.5	740.6	740.2	61	43	70	W	3	W	2	E	o	10	3	5	.	⸝ n–ll
31	9.4	12.4	11.2	11.0	−5.6	738.6	737.3	732.3	81	86	93	E	o	E	1	W	1	9	10●	10	10.2	● 10½–18½, 22³/₄–1
																					Summe	
Mittel	15.2	22.9	18.3	18.8	—	739.1	738.4	738.4	78	49	71							4.8	4.2	3.5	61.4	

August 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$.
$Hb = 2500.1^{m}$. $G = -0.16^{m/m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	2.4	2.5	1.1	2.0	−3.5	559.6	562.6	565.6	100	100	100	SW 4	SW 5	SSW 3	10≡●	10≡	5	6.9	n ≺, ●n–11, ≡ n–17½, 🌧
2	6.6	11.8	9.0	9.1	3.7	566.4	568.2	569.6	9	17	82	SW 3	SSW 3	SW 5	1	1	7	.	🌧 l, p, 🌧 III
3	8.8	6.8	7.0	7.5	2.1	570.1	570.2	570.9	98	100	100	SSW 1	SW 4	W 3	8	10≡●	10≡●	40.9	≡ 9½-n, p 🌧, K 17½, ●²
4	4.4	8.6	6.6	6.5	1.1	570.9	571.5	570.7	100	68	100	SW 4	SSW 3	SW 3	10≡	1	10≡	.	a ≡ 🌧, ≡ III [12¼-n
5	9.4	12.0	7.4	9.6	4.2	569.2	569.3	569.4	9	39	45	SSW 2	SSW 2	SW 2	0	1	0	.	
6	10.4	11.4	8.6	10.1	4.7	569.0	569.8	569.7	29	59	36	WSW 1	SSW 2	WSW 1	0	1	0	.	
7	8.6	13.0	9.4	10.3	4.9	569.2	570.0	570.4	55	54	95	WSW 1	SSW 2	W 1	2	3	0	.	
8	8.2	12.4	9.4	10.0	4.7	569.7	571.5	572.1	100	60	79	WSW 3	SW 3	W 2	10≡	7	4	.	a ≡
9	10.4	14.6	12.5	12.5	7.2	572.3	573.5	573.9	42	40	22	WSW 3	SW 2	WSW 2	1	0	0	.	
10	15.6	18.6	13.1	15.8	10.5	573.6	573.7	573.1	23	30	50	NE 1	ESE 0	W 2	0	0	0	.	
11	11.4	15.0	7.9	11.4	6.2	571.5	571.7	571.3	63	90	87	WSW 2	SW 3	WSW 2	4	10≡	8	3.7	≡ 10–n, K ● 17⅝-18¼,
12	8.5	11.2	7.6	9.1	3.9	570.7	571.0	570.8	78	84	62	WSW 2	SSW 1	WSW 3	10≡	6	0	.	≡ I [≺ III
13	9.5	12.2	8.5	10.1	5.0	570.2	571.0	571.8	45	47	73	WSW 2	SW 3	W 1	0	1	0	.	
14	12.2	14.6	11.6	12.8	7.7	571.1	571.7	570.8	22	68	52	SW 0	WSW 0	SW 0	0	1	0	.	[III–n, n K² ●²
15	13.0	16.0	8.0	12.3	7.3	568.9	568.2	566.3	52	55	100	SW 3	SW 2	WSW 4	3	5	10≡●	51.5	🌧 l, p, K ● 18¼-21, ≡
16	3.8	2.4	−0.4	1.9	−3.1	565.5	566.1	566.1	100	100	80	W 1	W 2	WSW 1	10≡	10≡	1	.	● n–l, ≡ n–20⅝, ≺ III
17	3.6	4.6	2.5	3.6	−1.3	564.4	564.2	563.5	18	85	85	WSW 3	SW 4	SW 5	5	9	8	.	🌧 l, II, ≡ 14–17, 🌧 III–n
18	1.4	4.7	2.5	2.9	−2.0	560.5	561.3	558.8	74	70	100	WSW 5	SW 4	WSW 5	5	6	10≡	10.1	🌧 a, III, p ≡ 🌧, n ● ✶ △
19	−1.2	−0.6	−0.2	−0.7	−5.5	561.1	562.4	564.2	100	100	100	WSW 2	WSW 2	WSW 2	10●△	10≡	10≡	7.7	● l, ≡ ✶ △, n ✶ ✳
20	−1.0	0.5	3.4	1.0	−3.7	563.7	563.9	565.7	100	100	100	WSW 1	SW 4	SW 4	10≡*	10≡	10≡	0.5	✶∪ n–10½, ≡ 🌧 ✳
21	5.0	11.3	9.8	8.7	4.0	565.3	566.0	566.0	68	60	40	SW 4	SSW 2	SW 3	1	0	0	.	🌧 l, p
22	7.8	3.5	0.1	3.8	−0.8	564.9	564.5	565.3	75	100	100	SW 3	SW 3	WSW 3	10≡	10≡●	10≡●	10.0	🌧 l, ≡–n, ✶ 8⅜-12⅜,
23	0.9	6.8	5.7	4.5	0.0	566.3	567.0	567.0	72	74	58	SSW 3	SSW 2	SSW 3	4	5	1	.	🌧 l [●–n
24	8.4	6.6	1.0	5.3	0.8	564.3	562.6	560.9	33	100	100	S 1	SW 4	SW 3	5	10≡●	10≡●	30.0	p 🌧 ●² ≡, ⌒² 19¾, n ✶ △
25	−0.5	0.0	0.0	−0.2	−4.6	561.1	563.3	566.1	100	100	100	SW 2	WNW 2	NNE 1	10≡△	10●*	10≡	17.1	△ ✶ ● n–18, ≡ ✳
26	0.0	6.4	6.6	4.3	0.0	565.0	565.5	565.5	38	32	36	E 0	SW 2	SW 3	2	3	6	.	🌧 III
27	8.2	11.8	2.2	7.4	3.2	563.9	563.5	563.1	46	75	100	SW 3	SSW 1	WSW 3	3	6	10≡●	12.7	≡ ● 16½-n, ≺ 20-20¼
28	−0.5	0.0	−1.9	−0.8	−5.0	562.4	563.8	565.5	100	100	100	WSW 3	SW 3	WSW 2	10△*	10≡	10≡	.	✶ ∽ n–l, a △°, ≡ ✳
29	−0.6	7.2	7.0	4.5	0.4	565.0	565.4	565.3	60	65	62	WSW 3	SW 3	SW 4	4	3	1	.	🌧 ⌣ l, 🌧 III–n ✳
30	3.0	4.2	3.6	3.6	−0.4	564.8	566.4	566.5	100	96	81	SW 4	WSW 3	SW 2	6	10≡	8	.	🌧 l, ≡ 8¾-18
31	6.2	5.0	5.0	5.4	1.5	564.9	563.9	561.2	58	94	96	SSE 1	S 3	SSW 3	7	10≡	10	25.3	≡ ●² 10¼-p, 🌧 III
																		Summe	
Mittel	5.9	8.3	5.6	6.6	—	566.6	567.2	567.3	63	73	78				5.2	5.7	5.5	216.4	

August 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$Hb = 2102.9^{m}$, $G = -0.14^{m/m}$.

1	10.4	10.5	9.4	10.1	1.8	589.5	591.2	593.3	56	55	55	NE 0	NE 4	NE 1	4	3	0	1.5	a ●, 🌧 III
2	12.1	14.4	13.0	13.2	4.9	595.7	597.0	597.9	37	50	68	SE 2	SE 1	SE 1	0	4	10	.	
3	12.3	13.7	10.1	12.0	3.7	598.5	598.8	599.3	64	56	80	E 1	NE 1	N 1	7	3	0	1.7	a ●
4	9.1	13.8	10.1	11.0	2.7	599.8	599.6	598.6	47	44	50	NE 2	N 2	N 1	0	0	0	.	
5	13.3	17.0	11.4	13.9	5.7	597.4	597.1	597.4	47	31	59	N 0	NE 0	N 1	0	0	0	.	
6	9.0	16.2	11.3	12.2	4.0	597.0	597.6	597.8	41	31	54	N 1	N 1	N 1	0	0	0	.	
7	11.8	16.7	13.3	13.9	5.7	597.3	597.8	598.2	49	42	61	N 0	N 1	N 0	0	0	0	.	
8	12.3	17.7	13.8	14.6	6.4	598.9	599.5	599.7	59	37	67	N 1	NE 1	N 1	0	0	0	.	
9	12.8	18.7	15.3	15.6	7.5	600.6	601.3	603.0	47	39	56	N 0	N 1	N 1	0	0	0	.	
10	15.3	22.0	17.5	18.3	10.2	602.4	601.3	600.2	59	19	46	N 0	N 0	N 0	0	0	0	.	
11	15.2	18.9	13.0	15.7	7.7	599.6	599.2	599.9	42	33	78	N 0	N 2	N 2	0	2	10≡	.	≡ 18¼-n
12	14.4	16.8	13.1	14.8	6.8	600.0	599.9	599.3	40	26	45	N 0	N 0	N 0	0	0	0	.	
13	11.2	17.2	12.0	13.5	5.6	598.3	598.8	599.2	36	27	31	N 0	N 1	N 2	0	0	0	.	
14	13.8	19.0	13.8	15.5	7.6	599.1	599.1	598.6	28	24	52	N 1	N 1	N 1	0	0	0	.	
15	13.9	17.2	10.6	13.9	6.1	597.3	596.3	595.1	56	44	66	N 1	S 1	N 1	0	5	10	16.6	n (15/16) K ●
16	6.8	10.8	5.6	7.7	−0.1	593.8	594.4	594.3	61	68	78	N 1	N 2	N 3	10●	7≡	10≡	1.6	● n–10, a ≡°, p ≡, 🌧 III
17	7.1	11.4	8.0	8.8	1.1	593.3	593.0	593.4	41	38	50	N 0	N 0	N 0	0	0	0	.	
18	8.8	14.8	6.2	9.9	2.3	590.4	589.9	589.3	29	28	47	N 0	N 0	N 3	0	1	10	14.9	● 🌧 22½-n
19	2.3	8.2	3.1	4.5	−3.0	590.2	592.1	592.4	49	54	84	N 4	N 2	N 3	0	0	10≡	0.5	🌧 l, 🌧 ≡ ●° 20–n
20	2.1	9.0	7.4	6.2	−1.3	593.2	593.9	594.3	85	44	51	N 2	N 3	N 1	10≡	3	0	.	≡ n–9⅝, 🌧 II
21	6.5	15.0	9.0	10.2	2.8	594.1	595.3	594.8	37	33	49	N 0	N 2	S 1	0	0	0	.	
22	8.9	7.4	6.0	7.4	0.1	593.6	593.3	594.4	68	89	95	S 1	S 1	N 3	10≡	10●≡	10≡	20.0	≡, ● 8¼-19, n, 🌧 III
23	4.8	12.4	8.8	8.7	1.4	595.1	595.7	595.8	45	33	50	N 0	N 2	SE 1	0	0	8	.	
24	8.0	7.3	3.8	6.4	−0.8	593.6	593.5	589.5	86	98	98	SE 1	SE 0	E 0	10≡	10●≡	10≡	22.6	≡, ● 9-19¼, n ● ▲
25	2.0	4.1	2.5	2.9	−4.2	588.5	591.6	592.3	59	53	70	N 4	N 4	N 4	4	5	10≡	.	🌧, ≡ 20–n
26	8.3	12.4	10.0	10.2	3.2	593.7	593.7	593.4	28	30	41	N 0	N 0	N 0	0	0	0	.	
27	8.8	12.4	8.2	9.8	2.9	592.4	592.2	591.7	43	36	45	S 1	S 1	S 1	0	0	10	.	
28	3.6	7.1	2.2	4.3	−2.6	590.9	592.6	594.3	50	39	65	N 2	N 1	N 3	0	0	0≡	.	≡ 🌧 III
29	6.4	8.3	6.8	7.2	0.4	594.4	594.9	594.8	32	51	85	S 1	S 2	S 1	0	3	10≡	.	≡ 18¾-n
30	7.5	7.7	6.0	7.1	0.4	594.3	594.9	594.6	87	39	65	S 0	N 4	N 4	10≡	0	10≡	0.4	≡ n–10¼, 20–n, p 🌧, n ●°
31	7.6	6.4	6.8	6.9	0.3	593.3	593.7	590.9	85	59	60	S 1	S 3	S 1	10	10●	10●	121.0	K ●², 🌧 II, n K ●²
																		Summe	
Mittel	9.2	13.1	9.3	10.5	—	595.4	595.8	595.7	51	44	61				2.4	2.1	4.5	200.8	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Bern.

September 1923.
Tellur. Observatorium.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	8.9	13.1	9.6	10.5	−4.8	713.4	714.8	717.6	90	67	95	SW o	S o	NW o	10	9	2	1.6	●° ◠ 18¼, ● 19¾–20
2	6.6	15.4	13.3	11.8	−3.4	719.9	718.7	718.4	97	62	61	SE o	N 1	NE o	0	8●	10	1.5	⊿ l, ● ll–14¾
3	10.5	17.2	13.2	13.6	−1.4	718.3	717.6	718.6	94	56	82	NNE o	NE o	E o	9	8	10	.	
4	11.1	16.1	11.6	12.9	−2.0	718.8	718.9	719.9	89	61	79	N o	NNE 2	N o	4	4	0	.	p ⌿
5	8.3	16.3	12.7	12.4	−2.4	719.8	719.1	719.8	90	53	83	SE o	NE o	NE o	8	10	10	.	⊿ l
6	10.1	17.9	13.7	13.9	−0.8	720.4	719.3	719.4	96	61	71	E o	N 1	NNE o	2	0	0	.	⊿ l
7	9.4	19.5	13.4	14.1	−0.4	718.8	717.8	718.0	89	60	84	NNE o	NNE o	NW o	0	0	0	.	⊿ l
8	9.5	20.2	15.4	15.0	0.6	718.4	718.1	718.7	92	53	77	S o	NE 1	E o	0	2	0	.	⊿ l
9	9.7	19.4	14.7	14.6	0.3	718.2	717.5	716.7	100	65	94	NNE o	NW o	NW o	10≡	0	0	.	⊿ ≡ 6¾–10¼
10	11.2	23.4	16.5	17.0	2.9	716.5	715.4	715.5	93	37	80	SW o	W o	WSW o	2	8	3	.	⊿ l
11	12.1	23.1	15.9	17.0	3.0	716.1	715.3	715.5	87	48	88	S o	W o	SE o	3	1	0	.	⊿ l
12	11.1	23.8	15.6	16.8	3.0	715.6	714.7	714.3	86	47	82	SE o	NW o	SW o	0	1	0	.	⊿ l
13	10.8	22.5	16.4	16.6	2.9	713.6	712.3	711.1	84	44	75	SE o	W o	SW o	0	0	0	.	
14	10.5	22.4	16.0	16.3	2.8	709.9	707.8	705.8	85	47	80	SE o	NE 1	E o	5	4	1	0.1	
15	13.9	16.0	13.0	14.3	0.9	704.9	705.3	708.5	87	84	94	SW o	WSW o	SW o	10	10	1	0.6	●° 5–16
16	10.5	18.7	13.8	14.3	1.1	710.7	711.7	713.8	93	65	98	SE o	N 1	SW o	7	9	3	4.3	● 16–17, ⌿ 16¾
17	12.6	18.5	15.4	15.5	2.4	713.6	710.8	707.8	100	79	98	NE o	NE o	SW o	10	7	8	1.9	● ⌿ 3½–5¼, Ψ III
18	12.8	15.1	9.3	12.4	−0.5	707.7	709.1	712.2	82	51	93	W o	W 3	W o	9	9	6	6.3	● 5¼–6½, ⌿ 9–19, ●° *)
19	8.1	12.6	8.9	9.9	−2.9	714.3	715.2	716.5	81	49	78	W o	W 1	SW o	9	6	8	1.1	● 0–1, 2½–5, 12½, 16
20	9.3	12.2	8.0	9.8	−2.8	714.4	711.9	713.8	80	71	90	SW o	W 2	WSW 1	10●	10	10●	17.2	● 5–6, 1–17, ⌿ 11–20, *)
21	8.6	14.1	13.3	12.0	−0.5	709.9	708.5	711.9	92	81	85	SW o	SW 2	SW o	8	3	10●	13.0	● 1–3, 10–12¾, ●° 17, *)
22	12.4	16.7	12.5	13.9	1.6	713.9	712.4	710.2	75	59	87	SW o	SW 1	W o	7	4	2	1.0	Ψ 19
23	11.7	15.0	9.4	12.0	−0.1	708.8	708.4	711.4	93	81	96	W o	W 1	W o	7	10●	10●	27.9	● 4–6, ●² 12–n
24	9.0	13.6	7.8	10.1	−1.9	713.5	713.7	713.9	82	46	93	S o	SW 2	W o	3	1	0	.	⌿ 11–17
25	4.8	14.6	11.5	10.3	−1.5	713.7	713.9	715.2	90	65	85	SE o	WNW o	SE o	1	10	8	.	⊿ l, ●° 17½–18½
26	9.8	16.2	11.6	12.5	0.9	717.4	718.8	721.2	87	51	77	SE o	W 1	NNE o	9	1	8	.	
27	6.8	17.0	11.9	11.9	0.4	721.5	721.0	721.3	90	60	86	NE o	NE 2	NE o	0	0	0	.	≡° ⊿ n–7, ⌿ 11¾–18
28	6.7	17.2	11.7	11.9	0.6	721.9	721.4	721.9	92	69	94	E o	N o	E o	1	0	0	.	≡° ⊿ n–7
29	7.7	19.2	12.9	13.3	2.2	722.0	721.8	722.8	93	53	87	SE o	NNE 1	E o	0	0	0	.	⊿ l
30	8.4	19.4	13.7	13.8	2.9	722.7	722.0	721.8	92	63	93	E o	N o	E o	0	0	0	.	
Mittel	9.8	17.5	12.8	13.4	—	715.6	715.1	715.8	89	60	86				4.8	4.5	3.7	Summe 76.5	

*) 18. ◠ 17¾–18¼ *) 20. ◠ 17¾, ●² 19–22 *) 21. 21–22½, ⌿ 12½–19½

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$,
$Hb = 487.3^{m}$, $G = 0.06\,{}^{m}/_{m}$.

Neuchâtel.

September 1923.
Observatorium.

1	10.0	15.0	10.7	11.9	−5.4	720.3	722.0	724.4	75	64	64	NE 1	SE 1	NE 1	10	7	3	1.5	a ●
2	8.5	19.0	14.3	13.9	−3.3	726.7	725.7	725.3	93	51	61	NE 1	E 1	NE 1	1	7	10	.	
3	12.4	20.5	15.1	16.0	−1.1	725.3	724.7	725.8	79	56	51	E 1	SW 1	E 1	8	7	10	.	
4	12.4	19.7	14.4	15.5	−1.5	726.0	726.2	726.8	80	51	48	N 1	SE 1	N 2	4	7	0	.	⌿ III
5	10.4	16.3	14.4	13.7	−3.2	726.8	726.3	726.8	87	85	65	NE 1	N 1	N 2	6	9	10	.	≡° l, ⌿ III
6	13.0	22.0	13.4	16.1	−0.7	727.2	726.2	726.3	69	51	75	E 1	SE 1	N 1	5	4	0	.	⌿ 19–III
7	11.9	23.3	16.2	17.1	0.5	725.8	724.7	724.9	86	54	72	E 1	SE 1	N 1	2	2	0	.	⊿ l
8	11.8	23.6	15.0	16.8	0.3	725.3	725.0	725.6	94	52	78	NE 1	SE 1	N 1	3	5	0	.	⊿ l, ≡° II
9	13.0	19.6	14.8	15.8	−0.6	725.3	724.8	723.7	88	68	89	NE 1	SE 1	NE 1	8	3	2	.	⊿ l
10	13.0	23.5	16.5	17.7	1.5	723.5	722.3	722.4	100	54	77	SW o	S 1	N o	10≡	7	3	.	≡² n–8
11	13.2	25.4	16.4	18.3	2.2	723.3	722.1	722.2	93	52	66	SW 1	SW 1	N o	4	4	0	.	⊿ l
12	12.5	24.5	16.0	17.7	1.7	722.5	721.5	721.1	89	48	74	NW o	S 1	N o	3	4	0	.	⊿ l, ●° 19
13	12.7	23.4	19.2	18.4	2.5	720.4	719.0	717.4	90	43	61	NE 1	S 1	W 1	3	0	10	.	⌿ III
14	14.3	25.3	18.0	19.2	3.5	716.2	713.7	711.8	82	46	63	E 1	SE 1	N o	6	6	10	0.6	
15	16.2	14.6	13.5	14.8	−0.8	711.0	712.6	715.6	75	86	92	SW 1	W 1	N 1	10	10●	8	5.3	● n–17, n ●°
16	13.6	19.5	14.2	15.8	0.4	717.7	718.8	720.8	95	61	95	NE 1	NE 1	NW o	10	9	10●	3.2	● 14–n
17	13.5	21.9	15.9	17.1	1.8	720.7	718.1	714.0	98	63	89	NE 1	E 1	NE o	10	7	8	2.5	●° n–11, n ●
18	15.1	16.6	10.7	14.1	−1.0	714.7	716.7	719.0	62	54	84	W 2	SW 2	N 1	9	8	7	0.2	⌿ n–II, p ●°
19	10.0	12.5	10.8	11.1	−3.9	721.1	722.3	723.3	63	54	62	W 2	NW 2	NW 1	5	7	7	2.3	●° l, ⌿ n–II, n ●
20	9.5	10.9	10.0	10.1	−4.7	721.5	719.3	720.9	77	86	80	SW 2	SW 3	SW 2	10●	10●	10	10.0	a ●°, ⌿, p n ●
21	11.9	15.6	13.4	13.6	−1.1	716.3	715.7	719.2	75	69	86	SW 3	SW 2	W 2	10	7	8	23.6	● ⌿, ●² ⌿ 10½–12½
22	12.6	18.8	11.8	14.4	−0.1	720.8	719.2	716.7	82	61	93	SW 1	SW 1	N 1	5	7	3	1.1	≡° l, n ●
23	14.3	12.2	9.5	12.0	−2.3	715.0	715.4	718.5	88	82	96	SW 1	NW 2	N 1	8	10	10●	32.4	●², n ●°
24	10.4	15.7	10.0	12.0	−2.2	720.3	720.6	720.9	68	54	68	W 2	SW 2	N 1	3	6	0	.	⌿ n–II
25	6.7	14.0	12.7	11.1	−2.9	720.9	721.1	722.3	95	72	77	NE 1	SW 1	N 1	8	10●	5	.	
26	13.2	18.9	10.5	14.2	0.3	724.5	725.7	728.3	64	46	76	W 2	W 2	N 1	7	1	5	.	⌿ n–II
27	9.6	20.6	16.0	15.4	1.7	728.5	728.0	728.2	86	45	58	NE 1	E 2	N 2	2	0	1	.	p ⌿
28	9.0	19.0	12.1	13.4	−0.1	729.0	728.4	728.8	84	51	74	NE o	S 1	N 1	7	3	3	.	
29	8.3	21.0	13.7	14.3	0.9	729.7	728.9	729.8	95	61	73	NE 1	SE 1	NE o	6	3	0	.	
30	11.8	21.8	14.5	16.0	2.8	729.9	729.2	728.9	96	59	78	NE 1	S 1	N 1	5	0	0	.	⊿² ≡° l
Mittel	11.8	19.2	13.8	14.9	—	722.5	722.1	722.7	84	59	74				6.3	5.7	4.8	Summe 82.7	

September 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	11.0	11.3	9.7	10.7	−5.3	722.8	725.1	728.1	83	77	95	W o	S o	NE o	10●	10	0	6.1	a●
2	7.0	15.6	13.5	12.0	−3.9	729.6	728.0	728.4	98	53	85	S o	W o	W o	2	2	10	3.0	n (2/3)●
3	12.1	15.0	12.8	13.3	−2.5	728.3	727.9	728.4	95	70	97	E o	NW o	NW o	10	10●	10	7.1	●II, n
4	11.6	16.4	10.7	12.9	−2.7	728.4	728.6	729.9	98	54	91	W o	NW o-1	NE o	10●	4	5	0.5	●° I
5	8.7	16.7	12.3	12.6	−2.9	729.5	728.0	729.5	96	47	93	S o	NW o	SE o	1	10	7	0.6	●° 19
6	11.1	18.2	13.3	14.2	−1.2	729.9	728.3	729.0	98	55	91	E o	NW o	NW o	6	7	6	.	
7	11.3	17.6	13.7	14.2	−1.1	728.7	727.4	727.9	95	60	88	S o	NW o	S o	7	0	0	.	
8	11.7	20.1	14.3	15.4	0.2	727.9	727.4	728.6	94	56	93	E o	NW o	N o	0	1	7	.	
9	13.0	18.1	18.8	16.6	1.6	727.7	727.4	726.5	86	65	94	SE o	W o	NE o	3	0	0	.	≡° I
10	12.0	21.6	16.3	16.6	1.7	725.8	724.4	725 0	97	45	79	NE o	N o	NE o	4	8	0	.	
11	15.2	23.7	15.0	18.0	3.2	725.7	724.5	725.0	87	58	85	NW o	NW o-1	NW o	10	4	0	.	◁ III
12	12.3	20.5	13.5	15.4	0.7	724.9	723.7	724.4	95	47	77	W o	NW o	NE o	0	6	0	.	
13	12.1	21.2	14.2	15.8	1.3	722.9	721.0	720.5	80	47	74	SW o	NW o	NE o	0	2	0	.	
14	19.1	23.3	20.0	20.8	6.4	718.5	716.7	714.7	39	31	35	SE 1	SE 1	SE 2-3	6	1	0	.	↙ III
15	15.1	17.3	14.2	15.5	1.2	**713.3**	714.4	718.8	75	79	97	NW o	W o	NW o	10	9●	10●	3.5	p●
16	12.0	19.7	14.9	15.5	1.3	721.2	721.3	723.2	100	54	95	S o	W o	W o	3	3	10	.	
17	14.5	**24.0**	22.8	20.4	6.4	723.5	720.3	717.5	98	31	**30**	E o	S 2-3	SE 3	10	4	5	0.9	↙ $8^{3}/_{4}$-n, n ●°
18	16.0	14.2	12.4	14.2	0.3	717.6	719.2	721.8	69	85	95	NW o	NE o	E o	10	10●	9	**20.9**	●
19	9.2	10.7	7.8	9.2	−4.5	723.8	725.3	726.4	98	73	90	SE o	SW o	E o	10●	10	8	0.5	●n-I
20	9.7	12.7	**6.7**	9.6	−4.0	724.0	720.5	724.3	85	71	96	S o	SW o	NW o	9	10	10●	18.3	p n●
21	9.1	9.9	10.3	9.8	−3.6	718.6	719.6	720.8	87	93	95	W o	W o-1	N o	10	10●	7	10.9	●
22	11.1	17.1	11.9	13.4	0.1	723.2	721.7	720.0	85	50	89	S o	NW o-1	NW o	5	1	10	.	
23	19.0	22.7	11.6	17.8	4.7	717.7	716.6	721.0	33	**30**	96	SE 2	E 2	NW o	2	8	10●	18.7	↙ n-II, ● $17^{1}/_{4}$-n
24	11.0	14.7	9.3	11.7	−1.3	722.8	722.8	724.2	98	48	76	NW o	NW 1	SE o	8	9	0	.	
25	7.2	16.0	10.4	11 2	−1.6	723.2	723.0	724.9	88	48	91	E o	W o	W o	4	4	5	0.2	●° $18^{1}/_{2}$–$19^{3}/_{4}$
26	8.3	16.0	14.3	12.9	0.2	727.3	728.2	731.1	98	58	87	E o	NW o	NW o	2	10	10	.	
27	8.3	16.5	11.3	12.0	−0.5	731.4	731.5	731.8	99	55	87	S o	NW o	N o	0	2	0	.	
28	7.4	16.0	10.2	11.2	−1.2	731.5	731.0	732.0	96	53	87	E o	NW o	NE o	0	0	0	.	
29	7.1	17.7	11.4	12.1	−0.2	731.5	731.5	**732.7**	93	40	88	E o	NW o	NE o	0	0	0	.	
30	7.4	17.0	11.8	12.1	0.0	732.5	731.4	731.8	100	54	93	E o	NW o	NE o	0	0	0	.	
Mittel	11.3	17.4	13.0	13.9	—	725.2	724.6	725.6	88	56	86				5.1	5.2	4.6	Summe 91.2	

September 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$.

1	11.4	16.8	11.4	13.6	−3.0	727.9	729.1	732.2	83	61	78	SW o	SE o	SE o	9	2	0	.	
2	9.2	16.6	14.0	12.4	−4.1	734.0	733.0	732.4	84	62	78	SW 1	NNE 1	NW 1	1	3	10	.	◐ $10^{1}/_{2}$
3	13.0	19.0	16.1	15.5	−0.9	733.0	732.0	732.5	88	54	51	SW o	NNE 1	NNE 1	9	3	9	.	
4	13.3	18.6	13.4	15.6	−0.6	733.1	733.0	734.2	77	52	72	NNE o	NNE 1	NNW o	0	1	0	.	
5	10.0	18.6	14.8	14.0	−2.1	734.1	732.9	733.5	86	51	75	SE o	NNE 1	NNE 1	1	7	0	.	
6	13.8	20.0	16.8	16.8	0.8	734.2	732.5	732.6	78	**47**	66	NNE 1	NNE 3	NNE 1	0	0	0	.	↙ II
7	11.8	18.8	16.4	16.2	0.3	733.0	732.1	731.9	86	60	75	SW o	NNE 1	SW o	0	0	0	.	◬ I
8	11.8	20.3	17.0	16.2	0.4	732.5	732.0	732.3	87	65	90	SW o	NNE 1	NNE o	0	0	0	.	◬ I
9	13.3	19.2	16.5	16.3	0.7	732.8	731.7	730.8	88	70	90	SW o	NNE 1	NNE o	0	0	0	.	◬ I
10	13.0	21.2	17.2	17.3	1.8	729.7	729.6	729.9	95	72	81	S o	NNE o	SW o	2	9	0	.	◬ I
11	13.2	**26 0**	16.5	17.5	2.1	730.6	729.2	729.4	88	48	86	SSW o	SW 1	NNE o	0	0	0	.	◬ I
12	13.0	21.4	15.6	16.8	1.6	729.8	728.3	728.1	86	63	80	SSW o	NNE o	SSW o	0	0	0	.	
13	12.0	21.6	18.0	17.0	1.9	727.6	725.9	725.4	86	54	63	SSW o	NNE 1	NNE o	0	0	10	.	◁ 19
14	15.0	21.6	18.8	18.3	3.3	723.3	720.8	718.9	84	54	78	SSW o	NNE o	NNE o	2	8	10	.	
15	16.0	17.2	15.2	16.2	1.4	**718.6**	720.3	723.1	83	80	90	SW o	SW 1	SW o	10●	10	9	4.7	●, n●
16	13.0	17.0	15.6	15.4	0.7	725.0	726.0	727.7	97	90	96	SW o	SW o	SW o	10●	10●	10●	12.0	●
17	14.4	18.2	15.4	16.2	1.6	728.0	724.9	721.5	95	80	93	NW 1	NNE 1	SW o	10	9	5	6.1	p n●
18	15.5	11.8	11.3	13.9	−0.5	723.0	725.4	726.7	63	90	84	SW 2	SW 2	SW 1	9	10●	10	6.2	↙ n-II, ◩ II, p n●
19	10.4	14.6	10.0	12.3	−2.0	729.4	730.3	731.1	80	58	80	SSW o	SW 2	SW 1	1	3	9	0.5	◠ $9^{3}/_{4}$, ↙ II, n ●°
20	11.4	14.0	13.0	12.5	−1.6	730.2	728.3	729.0	78	66	79	SW 1	SW 3	SW 2	10●	10	10●	1.4	●, ◠ $17^{1}/_{4}$, p ↙, n●
21	12.6	14.2	14.5	13.8	−0.2	725.7	725.0	727.6	70	89	89	SW 2	SW 2	SSW o	10	10●	8	6.4	↙ n-II, p n●, ◠ $15^{1}/_{4}$,
22	12.2	19.4	16.1	15.8	2.0	728.5	726.8	724.8	87	57	75	SSW o	SW 1	W 1	2	1	9	.	[$16^{1}/_{4}$
23	17.6	14.8	10.2	15.0	1.3	722.9	723.3	726.3	65	91	96	SW 2	SW o	NNE o	9	10●	10●	**47.8**	↙ I, ◩ 14, ●^{2} 13-n
24	9.0	17.4	9.6	12.3	−1.2	728.7	728.1	727.6	89	51	86	SSW o	SW 1	NE o	2	1	0	.	
25	**6.5**	14.8	12.5	11.1	−2.3	728.4	729.0	730.4	93	73	81	SW o	NE o	SW o	2	10	9	.	◬ I
26	14.0	20.0	13.4	15.6	2.4	732.2	733.0	734.8	78	53	76	SSW 1	SW 1	NNE 1	1	0	0	.	◬ I
27	8.8	17.4	12.8	12.9	−0.2	735.5	735.0	735.5	89	60	79	SW o	NNE 1	NNE o	0	0	0	.	◬ I
28	8.3	17.6	13.0	13.0	0.1	736.3	735.5	736.0	96	62	98	SW o	NNE 1	NNE o	0	0	0	.	◬ I
29	8.0	18.7	13.4	13.6	0.9	736.6	736.0	736.3	100	57	93	SW o	NNE 1	NNE o	9≡	0	0	.	a ≡, ◬ III
30	9.8	19.3	13.9	14.2	1.6	**737.0**	736.5	736.2	92	63	90	SSW o	NNE o	NNE o	0	0	0	.	◬ I, III
Mittel	12.0	18.2	14.4	14.9	—	730.1	729.5	729.9	85	64	82				3.6	3.9	4.3	Summe 85.1	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{h}, 13^{h} u. 21^{h}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$

Zürich.

September 1923.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7h30	13h30	21h30	Mittel	Abweich. vom Normalst	7h30	13h30	21h30	7h30	13h30	21h30	7h30	13h30	21h30	7h30	13h30	21h30		
1	9.3	13.8	10.5	11.2	−4.8	719.8	721.6	724.6	96	66	94	W 1	SW 1	S 1	10●	9	9	0.5	● 1–9¾, ●° 22¼–22¾
2	8.4	18.5	13.0	13.3	−2.6	726.8	725.4	725.1	98	51	88	S 1	E 0	E 0	9	3	10	0.9	p ⊕², n ●°
3	10.8	17.2	11.2	13.1	−2.7	725.1	724.4	725.3	96	61	100	E 1	E 1	NW 1	10●	7	9	7.7	●ᶜ 1–9, ●² 17¾–18¾,
4	10.0	19.2	10.7	13.3	−2.4	725.5	725.6	726.3	97	57	97	N 1	SW 1	SE 1	4	6	0	.	●° 15 [◠² 18½
5	9.2	17.6	12.5	13.1	−2.5	726.1	725.3	726.4	100	53	92	SE 0	W 1	E 0	4	10	10	.	≡ᵕ n–8, p ●°
6	10.6	19.7	12.0	14.1	−1.4	727.0	725.9	726.0	100	50	90	W 0	N 1	E 0	4	4	3	.	
7	9.4	21.8	13.4	14.9	−0.5	725.4	724.3	724.4	98	50	90	E 0	E 1	E 0	0	1	0	.	
8	10.0	20.8	14.8	15.2	0.0	725.0	724.9	725.7	100	54	85	E 0	N 1	NE 1	0	2	1	.	a ≡°
9	11.2	20.0	14.1	15.1	0.0	724.8	724.5	723.2	95	62	96	S 0	W 1	SW 0	10	0	0	.	a ≡°
10	12.4	25.5	16.4	18.1	3.1	722.6	721.8	721.6	100	46	93	SW 0	SW 1	NE 1	3	6	7	.	p ⊕
11	15.4	25.9	16.4	19.2	4.3	722.3	721.5	721.7	92	43	91	N 1	NW 0	E 1	3	1	0	.	
12	13.1	27.2	17.4	19.2	4.5	721.8	721.1	720.7	98	40	69	SE 1	SW 1	E 1	0	1	2	.	⛥° 18–n
13	12.1	**28.0**	16.7	18.9	4.3	720.0	718.2	717.2	96	37	84	SE 0	SE 1	E 0	0	0	1	.	a ≡°
14	12.8	26.5	15.3	18.2	3.8	715.9	714.1	711.6	96	**32**	70	SE 0	E 0	E 1	2	1	2	.	≡° 11–12
15	13.9	16.8	13.6	14.8	0.5	**710.6**	711.7	715.4	87	84	100	SE 0	NW 1	W 1	10	10●	10	3.8	●ᵕ 11½–14, ● 15¼–18¾
16	11.1	21.5	14.3	15.6	1.5	717.6	718.1	720.5	100	59	96	SE 0	SE 1	NW 0	9	3	2	0.6	≡° n–11
17	13.3	22.1	15.8	17.1	3.1	720.8	718.1	713.3	100	63	85	E 1	NE 0	E 0	10	4	9	0.2	●ᵕ 3–3¾
18	13.2	13.0	11.2	12.5	−1.3	715.1	715.8	718.7	94	94	77	NW 1	NW 1	N 1	10	10●	1	12.7	⛈ 2–4, ●° 5¼–6¾, ● *)
19	9.2	13.5	8.8	10.5	−3.1	720.4	721.6	722.8	92	53	92	W 1	SW 1	NE 1	9	4	8	2.3	● 3–8½, 19–20½, ⛈ 15¾
20	9.7	12.3	8.2	10.1	−3.4	720.8	718.7	720.0	75	97	92	SW 1	SW 2	NW 1	10●	10	10●	10.9	● 5¼–8, 12¾–22¾, ⛈ a–II
21	8.8	12.3	14.8	12.0	−1.3	715.9	714.4	717.4	92	82	75	SE 2	SW 2	SW 1	10	8	9	13.0	⛈, ● 3–4¾, 10¼–15¾
22	12.2	18.7	12.6	14.5	1.4	720.3	719.3	716.5	81	57	97	SW 1	SW 1	NE 1	7	4	2	.	☋ 20½
23	12.7	14.7	11.0	12.8	−0.1	715.1	715.3	717.6	91	84	84	SE 1	W 2	SW 1	3	10	10●	**20.3**	⛈ II, ●² 13¾–21¾
24	10.0	14.7	7.4	10.7	−2.0	719.5	720.0	721.0	83	47	92	SW 2	W 2	NE 1	4	6	0	.	●° 13¾
25	**6.4**	17.2	12.6	12.1	−0.5	720.1	720.4	721.4	96	52	89	NW 0	W 2	E 1	6	7	9	0.1	≡° 9–11½, ⛈ II
26	11.9	17.1	11.1	13.4	1.0	723.9	725.5	728.0	86	60	89	SW 0	NW 1	N 0	9	5	3	0.1	
27	8.6	20.2	10.6	13.1	0.9	728.3	727.9	728.3	98	52	91	N 0	NE 1	NE 1	8	0	0	.	
28	7.6	19.2	12.8	13.2	1.2	728.3	727.6	728.2	100	57	98	E 0	W 0	E 0	4	2	1	.	≡° n–9¼, II
29	8.0	22.0	12.4	14.1	2.3	728.6	728.4	**729.5**	100	52	96	SE 0	NE 1	NE 0	1	3	0	.	
30	9.3	24.4	13.5	15.7	4.0	729.4	728.4	728.3	100	52	99	E 0	W 1	NE 0	0	0	0	.	a ≡°
Mittel	10.7	19.4	12.8	14.3	—	722.1	721.7	722.2	95	58	90				5.6	4.6	4.3	Summe 73.1	*) **18.** 9¾–16¾

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

September 1923.
Beobachter: *Fr. Schreiber.*

1	1.5	2.8	2.4	2.2	−6.1	614.1	616.0	617.5	99	98	64	NW 2	NW 0	W 0	10●≡	10	7	1.2	n ⛈, ● ≡ I, ≡°–p
2	2.4	7.0	5.1	4.8	−3.4	620.5	620.7	620.9	73	56	94	W 0	E 0	E 0	0	0	5	4.8	n (2/3) ●
3	5.4	8.2	4.2	5.9	−2.2	620.5	620.1	620.4	47	44	80	W 0	W 0	W 0	10	10	10	0.4	n (3/4) ●°
4	3.8	6.0	4.2	4.7	−3.3	620.2	620.7	621.0	95	60	75	NE 1	NE 0	NE 0	10	5	0	.	≡° I
5	3.0	7.2	4.4	4.9	−3.0	621.4	621.3	621.4	70	47	95	N 0	N 1	N 1	0	5	10	1.8	≡° III, n ●
6	4.0	8.8	6.2	6.3	−1.5	621.9	622.0	622.2	86	42	80	W 0	W 0	W 0	0	3	0	.	
7	7.6	11.2	8.0	8.9	1.1	621.4	620.9	621.9	47	55	60	W 0	W 0	W 0	0	0	0	.	
8	7.0	10.6	7.8	8.5	0.8	621.9	621.6	622.3	80	40	70	W 0	SW 0	SW 0	0	0	0	.	
9	9.2	12.2	11.8	11.1	3.5	621.7	622.2	621.7	25	18	38	SE 0	SE 0	SW 0	0	0	0	.	
10	10.0	13.4	10.8	11.4	3.9	620.9	621.0	620.1	33	24	35	W 0	NW 0	NW 0	0	3	0	.	
11	9.4	12.4	11.0	10.9	3.5	620.5	620.9	620.2	60	33	35	NW 0	NW 0	NW 0	5	0	0	.	
12	10.4	12.0	11.4	11.3	4.0	620.4	620.5	619.6	37	17	23	NW 0	SW 1	NW 0	0	0	3	.	
13	10.4	13.8	11.0	11.7	4.5	618.3	618.3	617.3	29	18	40	SE 2	SE 1	SE 1	0	0	0	.	
14	9.8	13.0	10.4	11.1	4.0	614.6	612.6	612.0	30	22	23	SE 3	SE 2	SE 2	3	0	0	.	⛈ I
15	7.8	8.4	6.0	7.4	0.4	**609.7**	610.4	612.3	85	78	95	NW 1	NW 0	NW 2	7	10	10●≡	**43.2**	p n ●² ≡
16	6.8	9.0	8.0	7.9	1.0	614.5	615.5	616.6	60	53	97	W 0	W 0	NW 0	5	3	10	1.0	≡° III, n ●
17	9.0	12.4	12.4	11.3	4.5	617.7	616.6	613.4	48	23	18	SE 4	SE 4	SE 3	7	3	3	1.0	⛈, n ●
18	6.2	4.2	3.2	4.5	−2.1	611.9	612.2	614.0	97	98	97	NW 1	NW 2	NW 1	10≡	10●≡	10≡	15.2	≡, p ●
19	0.0	**−0.2**	0.2	0.0	−6.5	614.6	616.1	616.7	96	98	92	NW 1	NW 2	NW 2	10*≡	10	10	9.8	✳ ≡ n–I, ⛥ ▲ ≡ 14¼
20	1.4	3.8	2.2	2.5	−3.9	616.6	614.1	612.8	48	33	80	NW 2	NW 2	NW 3	7	10	10	17.5	⛈ III, n ● ✳
21	2.6	1.4	3.6	2.5	−3.8	612.3	610.5	613.3	23	96	53	NW 2	NW 3	NW 2	10	10●≡	10	13.5	⛈ 11½, ⛈-n, ● ≡ II
22	3.0	7.2	5.0	5.1	−1.1	616.7	616.3	615.5	99	60	48	SW 0	S 0	S 0	3	0	3	.	
23	8.4	8.2	3.2	6.6	0.6	613.8	613.5	611.9	25	90	99	S 2	S 0	W 1	3	10	10●≡	22.2	p ≡°, ● ≡ III–n
24	1.0	2.4	3.0	2.1	−3.8	614.3	615.4	615.9	98	93	43	W 2	W 1	W 0	10	10	3	.	≡° n–p
25	5.0	9.4	7.2	7.2	1.4	616.1	616.9	617.4	2	12	14	SW 0	SW 1	NW 2	3	3	10	.	
26	4.0	5.2	4.8	4.7	−1.0	619.2	620.6	621.7	98	98	95	NW 1	W 1	W 1	10	10	10	.	≡°
27	5.0	7.4	6.2	6.2	0.6	622.9	623.8	624.3	32	40	45	NE 1	E 0	E 0	0	0	0	.	
28	10.2	12.6	10.2	11.0	5.6	624.4	625.4	625.2	5	9	**0**	E 0	E 0	E 0	3	0	0	.	
29	10.2	13.0	11.4	11.5	6.2	625.8	625.9	626.2	3	5	13	E 0	E 0	SE 0	0	0	0	.	
30	11.4	**14.4**	13.2	13.0	7.8	626.5	**626.6**	626.5	29	16	17	E 0	E 0	E 0	0	0	0	.	
Mittel	6.2	8.6	6.9	7.2	—	618.5	618.6	618.7	55	49	57				4.1	4.2	4.5	Summe 131.6	

September 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$,
$H_b = 1707.6^{m}$, $G = -0.12\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	9.8	9.3	2.6	7.2	−2.0	618.1	619.9	625.4	95	68	92	E 0	NE 0	N 1	9	9	10●	13.5	● a-III
2	2.0	14.2	9.0	8.4	−0.7	627.2	626.1	627.1	90	54	82	S 0	SW 1	S 1	10≡	4	10	.	≡ I
3	8.2	11.6	7.2	9.0	0.0	625.6	625.0	626.0	85	67	85	SW 0	SW 0	NE 0	9	9	10	0.2	p ●°
4	6.2	11.0	5.6	7.6	−1.3	625.1	625.1	627.0	90	58	70	NE 1	W 1	NE 0	8	7	3	.	
5	−0.4	13.2	8.8	7.2	−1.6	626.4	624.8	625.7	86	45	61	N 0	SW 0	N 0	6≡	2	8	.	⌙ ≡ I
6	7.5	13.9	7.5	9.6	0.9	626.5	625.8	627.1	71	52	62	E 0	NE 1	N 1	6	3	0	.	
7	0.8	17.4	5.9	8.0	−0.5	627.0	625.2	626.7	85	39	84	S 0	W 2	NW 0	0	0	0	.	⌙ I, ☄ II
8	0.8	16.7	7.8	8.4	0.0	626.5	625.9	627.8	86	42	71	S 0	NW 1	NE 0	0	1	0	.	⌙ I
9	2.0	17.5	8.2	9.2	0.9	628.0	626.9	627.9	84	50	88	S 0	SW 1	NE 0	5	3	0	.	
10	9.6	17.6	11.5	12.9	4.7	626.8	625.4	625.9	88	50	82	SW 0	SW 0	NW 0	7	5	6	.	
11	7.4	18.2	7.8	11.1	3.0	625.6	624.6	626.6	91	44	89	SW 0	W 0	N 0	10≡	6	3	1.5	≡ n-9, ◺ ● 16-18½, ◺ III
12	5.1	17.4	7.6	10.0	2.1	625.6	624.4	625.5	95	39	91	SW 0	SW 0	N 0	10≡	6	1	6.0	≡ I, ●° ⌒ 15, ●-20
13	3.0	15.2	9.2	9.1	1.3	624.6	623.2	623.7	91	49	80	S 0	S 0	W 0	0	7	1	.	≡° II, ◺ III
14	2.6	13.5	8.2	8.1	0.4	621.7	620.0	617.9	90	51	79	SW 0	E 0	S 0	4	8	10≡	1.0	≡ III
15	6.3	9.3	7.4	7.7	0.1	**615.1**	615.3	618.1	92	83	96	E 0	S 0	S 0	10●	10●	10	6.7	● n-18
16	6.4	12.1	9.1	9.2	1.8	621.1	622.5	624.6	96	68	89	N 0	SW 1	W 0	9	7	10●	0.7	●° $12^{3}/_{4}$-13, III-n
17	9.2	13.6	10.7	11.2	3.9	625.3	625.4	623.8	92	61	80	S 0	SW 0	N 0	10	9	10●	8.9	●° 9-p, ● $19^{1}/_{4}$, $21^{1}/_{2}$-$21^{3}/_{4}$
18	8.6	10.2	6.7	8.5	1.3	619.7	618.3	619.8	97	66	89	N 0	N 0	NE 0	10●	9	10	1.8	●
19	5.0	3.6	1.8	3.5	−3.5	619.7	621.2	623.2	91	82	88	N 2	W 0	W 0	8	8	8	8.4	☄ I, ● $8^{1}/_{2}$-p, ✳ $11^{3}/_{4}$, $15^{1}/_{2}$ ✳
20	1.9	6.4	3.0	3.8	−3.1	622.1	620.7	620.4	82	53	82	N 0	SW 1	NW 0	7	9	10*	3.7	⌙ I, ✳ III-n ✳
21	0.0	6.3	0.8	2.4	−4.3	618.8	617.9	620.4	91	60	92	N 0	SW 1	NW 0	4	10●	2	2.8	● $13^{1}/_{2}$-$15^{1}/_{2}$ ✳
22	−1.2	12.7	7.2	6.2	−0.4	622.7	622.4	623.0	92	49	85	SW 0	SW 1	NW 0	2	3	8	.	⌙ I
23	6.5	11.7	7.5	8.6	2.2	621.6	620.5	618.7	92	68	96	S 0	SW 0	N 0	9	8	10●	**40.5**	●² 9-n
24	1.6	7.5	−0.8	2.8	−3.5	620.0	620.9	623.3	97	51	77	NE 0	SW 0	NW 0	10*	3	0	.	✳ n-$7^{3}/_{4}$, ☋ III
25	−1.8	11.6	5.3	5.0	−1.1	623.1	622.6	624.3	81	46	80	S 0	SW 0	SW 0	6	7	9	.	⌙ I ✳
26	0.3	14.0	4.8	6.4	0.4	625.3	625.1	627.8	89	38	76	W 0	W 1	W 0	1	2	1	.	
27	2.0	12.2	3.9	6.0	0.2	628.7	628.6	630.6	89	52	78	SW 0	W 1	SW 0	9	2	1	.	
28	−0.4	14.7	3.0	5.8	0.2	630.2	629.4	631.1	87	37	73	SE 0	SW 0	NE 0	5	6	1	.	
29	−0.2	16.3	5.3	7.1	1.6	630.9	629.8	632.0	83	**36**	73	SW 0	W 1	S 0	2	2	1	.	
30	1.4	**18.3**	5.4	8.4	3.1	**632.6**	631.1	632.2	88	43	74	W 0	SW 0	W 0	1	0	0	.	
Mittel	3.7	12.9	6.3	7.6	—	624.4	623.8	625.1	89	53	82				6.2	5.5	5.1	Summe 95.7	

September 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$H_b = 541\,8^{m}$, $G = 0.00\,^{m}/_{m}$.

Tag																			
1	11.8	16.1	11.2	13.0	−3.6	713.9	714.9	718.9	94	50	62	NE 0	SW 1-2	NW 0	10	3	2	.	
2	8.6	19.0	14.1	13.9	−2.6	721.6	718.6	719.3	85	39	78	NE 0	SW 1	W 0	1	2	10	3.4	⌓ I, n ●
3	12.4	17.2	13.3	14.3	−2.1	719.9	719.1	719.6	99	64	96	NW 0	W 0	NW 0	10	10	7	0.3	●° $15^{3}/_{4}$-$16^{1}/_{2}$
4	12.9	20.6	13.0	15.5	−0.8	719.6	718.6	720.6	88	38	65	NE 0	SW 0-1	NW 0	7	4	0	.	
5	10.1	19.2	13.9	14.4	−1.7	721.7	718.6	720.0	85	43	65	NE 0	NW 0	W 0	1	1	2	.	
6	11.0	19.4	15.0	15.1	−0.9	721.5	719.6	719.7	86	48	70	NE 0	W 0	NE 0	2	0	0	.	
7	12.4	21.0	15.7	16.4	0.5	720.1	718.2	719.0	91	45	63	NE 0	SW 1-2	NE 0	0	0	0	.	⌓ I
8	12.6	21.8	16.5	17.0	1.3	719.9	718.3	719.5	85	43	63	NE 0	W 0	NE 0	0	0	0	.	⌓ I
9	12.0	22.8	17.2	17.3	1.7	720.3	718.1	718.6	92	43	71	NE 0	SW 0-1	NE 0	0	0	0	.	⌓ I
10	13.8	23.8	17.5	18.4	2.9	718.6	716.7	717.5	83	42	66	NE 0	SW 0	NE 0	6	10	2	.	
11	13.2	23.4	17.2	17.9	2.5	718.5	716.2	717.1	91	46	46	NE 0	NW 0	NE 0	3	2	2	.	
12	12.8	**24.0**	16.8	17.9	2.7	717.9	715.5	716.1	83	39	55	NE 0	NW 0	NE 0	0	3	0	.	
13	12.4	23.2	16.1	17.2	2.1	716.0	713.0	713.7	79	38	58	NE 0	SW 1-2	NE 0-1	0	3	1	.	●° $16^{3}/_{4}$
14	15.0	21.4	16.9	17.8	2.8	711.5	709.3	708.0	63	36	52	NE 0	NE 2-3	NE 0	2	10	10	.	☄ II
15	14.4	17.7	14.8	15.6	0.8	**706.0**	706.8	710.2	73	69	88	NW 0	N 0	W 0	10	10	10●	0.2	●° 10-12, 15-16, $21^{1}/_{4}$-n
16	11.7	21.6	14.6	16.0	1.3	713.0	712.4	716.6	98	47	87	NE 0	SW 0	N 0	5	6	4	0.1	
17	13.1	22.9	19.1	18.4	3.9	716.0	713.5	711.3	97	36	37	NE 0	E 1	W 0	10	10	7	0.2	●° $8^{1}/_{2}$-$9^{1}/_{4}$
18	15.0	18.9	11.7	15.2	0.8	709.5	709.7	713.7	83	38	77	N 0	SW 2	W 0	10	10	2	0.4	
19	9.8	15.0	9.5	11.4	−2.8	715.5	716.4	718.3	87	**34**	60	NW 0	SW 2-3	NE 0	8	7	3	.	●° 5-7, ☄ II
20	8.7	12.7	9.7	10.4	−3.6	717.2	714.9	715.8	77	52	97	NE 0	NE 0	NE 0	10	10	10●	4.6	● 17-n
21	8.9	10.9	9.6	9.8	−4.1	713.9	711.8	714.4	99	86	100	NE 0	NE 1	NE 0	10	10	6	4.7	● 11-16, ●°-n
22	9.8	19.6	13.6	14.2	0.5	716.6	713.2	713.5	96	39	77	NE 0	W 0	NE 0	1	1	6	0.1	
23	12.8	19.4	11.2	14.5	0.9	712.9	709.2	713.1	64	46	97	NE 0	SW 0	N 0	5	9	10●	**15.7**	● 16-n
24	7.4	16.4	9.5	11.1	−2.3	715.3	714.8	715.7	96	41	66	NE 0	SE 0-1	NE 0	1	1	0	.	
25	**5.8**	15.4	11.2	10.8	−2.5	716.1	715.6	717.8	84	40	88	NE 0	W 0	NE 0	7	10	6	.	⌓ I, ●° $19^{1}/_{2}$
26	7.0	17.9	12.4	12.4	−0.7	719.7	718.6	721.6	95	52	80	NE 0	N 0	NW 0	0	1	0	.	⌓ I
27	7.3	18.3	13.5	13.0	0.0	723.3	721.4	723.3	100	48	77	NE 0	SW 0	NE 0	0	0	0	.	⌓ I
28	8.2	19.6	14.0	13.9	1.1	724.1	722.1	723.2	95	37	66	NE 0	NW 1	NE 0	1	2	1	.	⌓ I, ☋ III
29	8.7	20.0	14.6	14.4	1.7	724.1	722.6	**724.7**	92	40	63	NE 0	W 0-1	NE 0	0	0	0	.	⌓ I
30	9.6	21.3	15.6	15.5	3.0	724.6	723.0	724.4	85	40	66	NE 0	SW 0-1	NE 0	0	0	0	.	⌓ I
Mittel	11.0	19.4	13.9	14.8	—	717.6	716.0	717.5	88	45	71				4.0	4.5	3.4	Summe 29.7	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

September 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	21.2	16.0	14.6	17.3	−1.8	732.8	734.9	739.8	59	70	62	S 1	N 3	N 0	10	10	0	5.3	☂ $10^{1}/_{2}$–$18^{1}/_{2}$, ☂–$19^{1}/_{2}$, ●
2	12.8	22.2	17.0	17.3	−1.7	743.1	743.3	743.6	71	46	69	NNE 0	SE 0	N 0	3	8	10	.	[$11^{1}/_{2}$–II, $17^{1}/_{2}$–$19^{1}/_{2}$
3	15.8	20.8	15.5	17.4	−1.5	743.1	742.0	741.6	65	50	77	WSW 0	SSE 0	N 0	10	9	5	.	●° 17
4	13.4	25.6	15.8	18.3	−0.5	740.3	739.1	742.2	81	29	69	NNE 0	N 1	SW 1	4	3	0	.	
5	11.1	22.8	14.4	16.1	−2.6	742.0	740.2	740.6	71	45	78	N 0	S 0	N 0	0	0	0	.	
6	12.4	22 9	14.4	16.6	−2.0	741.1	740.9	741.5	79	45	78	N 0	SSE 0	N 0	1	2	0	.	
7	12.5	23.7	16.2	17.5	−1.0	742.8	742.4	743.1	78	40	69	N 0	S 0	N 0	0	1	0	.	
8	14.0	24 4	16.0	18.1	−0.2	742.2	741.5	743.0	79	46	75	N 0	SE 0	N 0	0	0	0	.	
9	14.6	25.4	17.9	19.3	1.1	744.4	743.3	742.7	78	41	72	NNW 0	S 0	N 0	1	1	0	.	
10	15.8	24.2	17.0	19.0	0.9	743.1	742.0	741.2	82	45	83	N 0	S 0	N 0	4	3	0	.	
11	15.8	25.8	19.2	20.3	2.4	741.3	739.7	740.2	84	43	81	N 0	E 0	N 0	0	0	10	0.8	n ($^{11}/_{12}$) ●°
12	17.2	**26.2**	19.4	20.9	3.1	740.7	739.4	739.1	82	43	65	N 0	NNE 0	N 0	0	1	2	.	
13	15.2	**26.2**	17.6	19.7	2.0	739.3	737.8	736.9	83	41	77	N 0	S 0	N 0	0	0	6	20.0	≮ ●° 20, n ⊼ ●
14	15.0	21.2	16.2	17.5	−0.1	737.2	735.0	731.8	81	51	75	N 0	S 0	N 0	4	4	10●	12.0	● III–n
15	14.8	19.2	16.0	16.7	−0.7	729.2	**728.9**	730.9	87	65	80	N 0	E 0	N 0	10●	8	3	2.6	a ●
16	15.6	18.4	16.0	16.7	−0.6	736.5	739.0	740.1	66	68	90	W 0	SSE 0	N 0	9	8	10●	37.4	●² 9–$11^{1}/_{2}$, p, n ●
17	15.4	18.0	15.0	16.1	−1.0	742.1	743.0	740.8	89	81	90	NNE 0	SW 0	SE 0	10●	10	10●	17.2	● a, n, p ●°
18	17.8	18.8	13.0	16.5	−0.5	735.2	733 4	735.2	73	51	90	SE 0	SW 0	SW 0	10	10	10	22.4	a ●, ⊼ ● $14^{3}/_{4}$-16, n ⊼ ● ▲
19	12.0	16.2	9.2	12.5	−4.3	736.8	736.2	739.1	88	71	64	SW 0	E 0	N 0	5	6	0	5.2	⊼ ● ▲ $15^{1}/_{4}$
20	**7.8**	16.6	10.0	11.5	−5.1	740.4	739.2	737.5	62	43	71	N 0	SW 0	N 0	1	4	3	.	
21	9.0	16.6	12.2	12.6	−3.9	736.9	735.1	736.5	67	51	70	N 0	SE 0	W 0	1	6	8	.	
22	9.8	19.0	14.4	14.4	−1.9	739 3	739.8	738.8	77	47	91	N 0	NE 0	N 0	1	3	1	0.6	
23	14.0	16.2	14.0	14.7	−1.4	738.9	737.1	734.9	84	76	88	N 0	N 0	N 0	10	10	10●	**45.2**	n a ●, p n ●²
24	11.2	22.6	12.4	15.4	−0.6	735.1	735.0	737.6	83	**22**	54	N 0	N 1	N 0	0	0	0	.	
25	10.2	21.0	14.0	15.1	−0.7	740.7	739.6	740.0	67	38	80	N 0	E 0	N 0	2	0	0	.	
26	11.0	22.0	14.8	15.9	0.3	741.5	741.2	743.8	74	45	78	N 0	S 0	N 0	0	4	0	.	
27	12.6	23.0	14.2	16.6	1.2	745.0	744.0	746.0	82	41	84	N 0	SSE 0	N 0	2	0	0	.	
28	11.0	22.2	15.0	16.1	0.9	**747.2**	745.2	745.2	78	40	77	N 0	S 0	N 0	2	1	0	.	
29	11.2	22.8	16.8	16.9	1.9	745.7	744.7	744.9	76	41	90	N 0	E 0	N 0	1	1	0	.	
30	12.0	25.4	17.8	18.4	3.6	746.1	745.7	746.2	81	38	80	N 0	S 0	N 0	0	0	0	.	
																		Summe	
Mittel	13.4	21.5	15.2	16.7	—	740 3	739.6	740.2	77	48	77				3.4	3.8	3.3	168.7	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$,
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

September 1923.
Bernoullianum.

1	10.0	13.8	10.0	11.3	−5.2	738.5	740.2	743.2	89	65	97	SW 1	W 1	S 1	10	9	0	2.5	● ≮ $18^{1}/_{2}$–$18^{3}/_{4}$
2	**8.0**	16.6	12.6	12.4	−4.0	745.5	744.3	744.0	97	48	86	E 1	W 1	NW 1	8	5	8	.	≡° ⌋
3	10.6	18.0	13.2	13.9	−2.4	744.1	743.5	744.3	87	51	82	SE 1	NW 1	N 1	5	6	3	.	
4	10.6	18.0	12.2	13.6	−2.6	745.0	744.7	745.3	87	56	86	NW 1	W 1	S 0	9	5	0	.	
5	10.4	16.4	13.6	13.5	−2 5	744.8	744.6	745.3	93	63	91	E 1	SW 1	S 1	8	10	10	.	●° $17^{3}/_{4}$
6	10.2	18.0	13.8	14.0	−1.9	746.1	744.9	744.8	93	51	78	S 0	N 1	SW 1	7	2	0	.	
7	9.4	19.2	14.6	14 4	−1.4	744.4	743.1	743.0	89	55	84	E 1	N 1	SW 1	4	0	0	.	≡° ⌋
8	10.6	20.8	15.2	15.5	−0.2	743.9	743.6	744.6	93	49	81	E 1	W 1	SW 1	7	2	5	.	
9	11.4	21.0	16.6	16.3	0.7	743.4	742.0	740.8	93	57	85	E 0	E 1	E 0	7	1	2	.	≡° ⌋
10	13.4	25.2	18.0	18.9	3.5	740.5	739.5	739.6	89	39	77	E 1	W 1	E 0	4	6	2	.	
11	14.2	25.0	18.0	19.1	3.8	740.2	739.1	739.6	86	41	77	SE 1	SW 1	SE 0	3	4	0	.	
12	13.8	26.0	20.0	19.9	4.7	739.5	738.5	738.5	78	40	61	E 1	NW 1	E 0	3	2	0	.	≡° ⌋
13	15.2	**26.4**	18.6	20.1	5.1	737.6	735.6	734.7	75	**35**	63	SE 1	E 1	E 0	2	1	0	.	
14	14.2	24.2	18.4	18.9	4.0	733.7	731.1	729.2	78	43	75	E 1	W 1	W 1	5	2	9	.	
15	15.2	15.4	14.0	14.9	0.1	**728.5**	730.3	733.1	83	91	95	W 1	S 1	SE 1	10	10●	1	5.8	● $11^{3}/_{4}$–$17^{3}/_{4}$
16	12.0	19.8	13.4	15.1	0.5	735.6	736.3	738.8	95	69	98	E 1	N 1	N 1	8	8	10●	9.6	●° 11, ● $15^{1}/_{4}$–$21^{3}/_{4}$
17	13.2	18.8	15.0	15.7	1.2	738.7	735.9	731.7	98	79	98	NW 1	N 1	NW 1	10≡	5	7	4.0	● $3^{1}/_{2}$–$7^{1}/_{4}$, ≡ I
18	13.4	17.1	11.4	14.0	−0.3	732.8	734.2	736.5	93	51	80	W 1	W 2	S 1	9	10	9	1.5	● $4^{1}/_{4}$–$6^{1}/_{2}$, ⊼ $4^{3}/_{4}$, ☂ II, *)
19	10.9	14.6	10.8	12.1	−2.1	739.5	740.2	741.4	76	53	80	S 1	W 2	S 1	8	6	9	0.6	● $2^{1}/_{4}$–$3^{1}/_{2}$, ●° $10^{1}/_{4}$–$10^{1}/_{2}$, *)
20	9.8	13.6	9 8	11.1	−2.9	738.6	736.4	738.2	86	65	92	E 1	SW 2	SW 1	10	10●	10	13.1	●° $2^{3}/_{4}$–$3^{3}/_{4}$, ☂ II, ● *)
21	9 8	15.4	13.2	12.8	−1.1	733.4	732.3	736.1	92	76	91	E 1	W 2	SW 2	10	9	10●	13.4	● 9–$14^{3}/_{4}$, $20^{1}/_{4}$–III, ⊼ *)
22	13.0	17.6	13.2	14.6	0.9	738.5	736.9	734.3	84	60	88	S 1	W 2	E 1	9	6	2	0.6	☂ II
23	13.6	11.6	10.2	11.8	−1.7	732.0	734.9	734.9	91	95	95	NE 1	S 1	SE 1	10●	10●	10	**20.0**	●² $6^{1}/_{2}$–22
24	9 6	15.4	9.6	11.5	−1.9	738.1	738.5	739.4	92	49	81	W 1	W 2	SE 1	5	4	0	.	☂ II
25	**8.0**	16.8	13.2	12.7	−0.5	738.2	738.1	739.9	86	56	88	S 1	E 1	SE 1	9	9	7	.	
26	10.8	16.2	11.2	12.7	−0.3	743.1	744.5	746.8	93	51	80	SE 1	W 2	SE 1	5	5	3	.	☂ II
27	8.4	18.0	12.4	12.9	0.0	747.4	746.8	746.9	89	63	93	SE 1	NE 0	E 0	2	1	0	.	
28	9.6	20.0	13.6	14.4	1.7	746.5	745.9	746.5	92	55	91	SE 0	SW 1	SE 0	7	5	2	.	☋ 22–23
29	8.8	20.4	14.6	14.6	2.1	747.2	747.2	**748.4**	94	54	93	SE 1	NW 1	W 1	10≡	2	0	.	≡ n–8
30	11.0	21.4	15.4	15.9	3.6	748.0	746.9	746.7	93	66	96	SE 0	N 1	SE 0	2	0	0	.	
																		Summe	
Mittel	11.3	18.7	13.9	14.6	—	740.4	740.0	740.6	89	58	85				6.9	5.2	4.0	71.1	

*) 18. ● $11^{3}/_{4}$–$24^{1}/_{4}$ *) 19. ☂ II *) 20. $11^{3}/_{4}$–$21^{1}/_{4}$ *) 21. $11^{3}/_{4}$, p ☂

September 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$,
$H_b = 2500.1^{m}$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−2.0	−2.6	−2.5	−2.4	−6.2	561.8	563.2	566.1	100	100	100	WNW 3	WNW 1	WNW 3	10≡*	10≡*	10≡*	15.3	✳ ≡ 3-n
2	−2.0	3.0	1.5	0.8	−3.0	567.8	568.4	568.5	60	86	100	WSW 1	SW 3	SW 2	2	4	9	.	
3	−0.4	1.6	0.0	0.4	−3.3	568.1	567.9	568.1	100	100	100	WNW 0	WSW 1	WNW 0	10≡*	10≡	10≡	0.6	✳° l-11 1/2, ≡
4	−0.6	1.2	−2.0	−0.5	−4.1	567.3	568.3	568.8	100	96	98	N 0	NNE 1	NNW 1	10≡	10≡*	2	.	≡, ✳° △° 9 1/2-16 3/4
5	−1.8	1.2	−1.1	−0.6	−4.1	568.1	568.3	568.5	75	97	100	WNW 2	W 1	NW 2	2	10≡*	10≡	.	⌴ l, ≡ 10 1/2-n, ✳°12 1/4-17
6	−0.8	2.2	1.2	0.9	−2.5	568.9	569.5	569.7	100	100	100	NW 0	NNE 1	NW 1	10≡	6	10≡	.	≡
7	5.4	7.0	3.2	5.2	1.9	568.9	569.5	569.3	20	95	60	NW 0	NNW 0	WNW 1	0	10≡	1	.	p ≡
8	2.2	6.8	2.6	3.9	0.7	568.7	569.1	570.0	42	93	70	W 1	SW 1	WSW 1	1	10≡	1	.	p ≡
9	6.0	9.8	6.2	7.3	4.2	569.3	570.3	570.0	22	45	72	WSW 2	WSW 2	W 3	4	3	1	.	
10	5.0	8.8	6.0	6.6	3.6	569.0	569.3	569.1	70	72	65	W 3	SSW 1	NW 0	4	7	6	.	🌂 n-l
11	5.8	7.6	4.7	6.0	3.1	568.4	568.7	569.0	87	94	95	NNE 0	ESE 0	SW 1	5	9	0	.	p ≡
12	4.2	9.1	5.4	6.2	3.4	568.1	568.4	568.1	65	56	80	W 2	SW 1	NW 1	1	4	6	.	
13	5.8	8.5	5.7	6.7	4.0	566.8	566.6	565.8	80	49	70	E 1	S 1	SSW 1	1	3	3	.	
14	6.2	7.6	4.8	6.2	3.6	563.3	562.6	560.8	54	54	65	S 1	SSW 2	SE 2	5	4	2	.	
15	4.4	3.0	1.8	3.0	0.5	558.3	558.6	560.9	65	98	100	SW 0	S 0	WSW 2	10	10≡●	10≡●	10.6	● ≡ 11 1/2-n
16	2.6	9.3	3.5	5.1	2.7	563.0	564.8	566.1	87	76	100	SSE 1	SSW 1	SSW 2	3	10≡	6	.	≡ II-16
17	4.6	7.8	7.2	6.5	4.2	566.7	566.0	563.3	90	65	59	SSW 3	SSE 2	SSW 4	10	10	8	0.6	🌂 III-n
18	4.2	−0.2	−1.6	0.8	−1.4	562.1	560.2	561.7	100	100	100	SW 3	WNW 4	W 2	10≡●	10≡△	10≡*	26.2	● 5-11, △ ✳²-n, ≡, 🌂 II
19	−4.3	−4.2	−4.4	−4.3	−6.3	561.2	562.5	563.8	100	100	100	WSW 2	WSW 3	WSW 1	10≡*	10≡*	10≡*	19.2	✳ ≡, p ☩
20	−4.0	−2.0	−4.8	−3.6	−5.5	562.0	561.2	559.7	100	100	100	SW 1	SW 1	SW 1	10≡*	10≡*	10≡*	42.0	✳ n-9, III, ✳² ☩ II-n
21	−3.8	−3.1	0.0	−2.3	−4.1	558.7	557.3	560.5	100	100	100	WSW 2	SW 4	SW 4	9	10≡*	10≡*	44.7	≡ ✳² ☩ 🌂 10 1/2-n, ●
22	−0.4	−0.4	0.2	−0.2	−1.9	563.5	564.1	563.7	100	60	59	SW 2	SW 3	SSW 2	10≡	5	8	.	≡ l [🌂 III
23	1.4	4.6	−1.2	1.5	−0.1	561.7	561.8	560.8	64	72	100	SSW 3	SSW 3	WSW 3	6	7	10≡*	34.5	🌂 n-l, ● ≡ 16 1/2-n, ✳²
24	−4.0	−2.6	−4.0	−3.5	−5.0	561.1	562.4	563.5	100	100	100	WSW 2	WSW 1	WSW 1	10≡*	10≡	1	.	✳°n-9, ≡, Ψ III [△ III-n
25	−1.8	−1.0	1.0	−0.6	−2.0	563.5	564.9	566.0	82	34	100	WSW 2	WSW 4	WSW 4	8	6	10●	0.8	p 🌂, ●° 19 1/2, III
26	0.0	1.2	−1.2	0.0	−1.3	566.6	567.9	569.8	100	100	100	WSW 3	SW 3	WSW 2	10≡	10≡	10≡	.	≡
27	−1.2	1.4	1.6	0.6	−0.6	570.1	570.9	571.5	100	76	55	NE 1	ESE 1	ENE 2	10	2	1	.	
28	3.2	6.0	3.6	4.3	3.3	572.0	572.6	573.1	40	46	51	WNW 2	WSW 1	WNW 1	8	5	4	.	
29	4.3	8.2	6.4	6.3	5.4	572.8	573.7	574.5	34	35	60	W 2	SW 1	NNW 2	2	4	2	.	
30	7.2	10.0	7.4	8.2	7.4	574.4	575.1	574.8	63	60	49	N 1	WNW 1	N 1	1	1	0	.	
Mittel	2.4	4.2	2.5	3.0	—	566.1	566.5	566.8	77	79	84				6.4	7.3	5.9	Summe 194.5	

September 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$H_b = 2102.9^{m}$, $G = -0.14\,^{m}/_{m}$.

1	0.0	−0.8	−1.2	−0.7	−7.2	589.9	591.8	594.7	95	95	95	N 4	N 4	N 3	10*≡	10≡	10≡	15.5	● ✳ n-10, ≡ 🌂
2	2.6	5.8	5.2	4.5	−1.9	597.3	597.7	597.0	50	46	55	N 0	S 2	S 1	0	8	10●	6.0	● 17 1/2-n
3	2.5	3.6	2.6	2.9	−3.4	596.7	596.2	596.7	85	61	95	N 1	N 2	N 3	10≡	10≡	10≡	.	≡ n-9, 18 1/2-n, 🌂 III
4	1.8	2.5	1.8	2.0	−4.2	595.8	596.6	597.7	72	85	91	N 2	N 2	N 2	10≡	10≡	10≡	.	≡
5	0.6	3.8	2.0	2.1	−4.0	596.5	596.1	596.5	96	58	70	N 4	N 4	N 4	10≡	1	10≡	.	≡ n-10 1/4, 21-n, 🌂
6	1.8	6.2	4.6	4.2	−1.8	596.7	597.7	597.8	79	45	70	N 4	N 3	N 3	10≡	0	10≡	.	🌂 ≡ n-10, 🌂, ≡ 16 1/4-n
7	4.0	9.5	5.4	6.3	0.4	597.1	597.5	597.8	41	30	65	N 0	N 3	N 0	0	0	0	.	🌂 II
8	4.2	10.0	5.8	6.7	0.9	597.0	597.9	598.8	59	30	65	N 1	N 2	N 1	0	0	0	.	
9	7.2	11.8	6.6	8.5	2.8	598.8	598.9	599.0	55	40	66	E 1	SE 1	SE 0	1	0	0	.	
10	6.9	11.2	7.0	8.4	2.9	597.6	597.0	597.3	65	60	56	SE 0	SE 0	SE 0	3	3	0	.	
11	7.5	10.4	8.3	8.7	3.3	596.6	596.9	596.7	56	43	55	E 0	N 1	N 0	5	5	0	.	
12	7.2	12.8	8.0	9.3	4.0	596.4	597.4	596.2	50	41	42	N 0	N 0	N 0	0	0	0	.	
13	6.6	11.4	7.0	8.3	3.1	595.0	595.1	594.2	52	37	63	N 0	S 0	S 1	0	0	5	3.2	n (12/14) ●
14	4.4	6.6	5.2	5.4	0.3	592.2	590.9	589.7	71	60	64	SE 1	S 1	SE 1	10≡	10	10	3.1	≡ l, a ●
15	6.1	8.1	4.8	6.3	1.3	586.0	586.5	589.3	55	56	95	SE 0	NE 0	NE 1	10	10	10≡	0.7	≡ 19 1/4-n, n ●☽
16	4.8	5.8	5.5	5.4	0.5	591.4	593.4	594.8	79	68	75	SE 1	S 1	SE 2	10≡	10●	10●	41.3	≡ n-9, ●²-n
17	5.9	5.5	5.3	5.6	0.9	595.8	596.0	593.1	70	73	85	SE 2	SE 2	SE 2	10●	10●	10●	78.3	●²
18	6.4	4.8	1.2	4.1	−0.5	589.3	589.0	590.7	75	75	87	SE 2	SE 2	N 1	10●	10●	10≡	35.6	●² n-15, ≡-n
19	−0.2	−1.4	−3.0	−1.5	−6.0	590.5	592.0	592.8	97	85	64	N 2	N 3	N 2	10≡	10*≡	0	6.9	≡ n-18 1/4, 🌂 II, ✳ 11 1/4-16
20	−1.0	1.2	1.0	0.4	−4.7	592.2	591.7	590.4	55	59	85	N 0	N 0	N 1	0	10*	10*	13.3	✳ 13-n
21	2.2	0.3	1.0	1.2	−3.0	589.4	589.1	590.2	50	79	55	N 0	SE 0	N 1	3	10*	0	8.3	✳ 12 1/4-20 3/4
22	2.3	6.4	4.2	4.3	0.2	593.2	593.8	593.3	51	50	76	NE 0	S 2	SE 1	0	0	10≡	.	≡ 17 3/4-n
23	3.5	4.4	4.1	4.0	0.0	592.1	591.0	590.8	84	75	76	SE 2	SE 2	SE 2	10≡	10●	10●	31.3	≡ l, ●² 10 1/2-n
24	−0.8	0.4	−1.1	−0.5	−4.4	590.3	591.5	592.9	80	34	65	N 0	N 2	N 2	10≡	0	0	.	≡ n-11
25	0.7	6.1	4.8	3.9	0.2	593.0	593.9	595.1	41	46	55	E 1	SE 1	N 0	0	1	0	.	
26	3.5	7.7	2.0	4.4	0.8	595.8	596.9	597.8	56	50	85	N 1	N 2	N 2	0	0	10≡	.	≡ 18 1/2-n
27	1.7	7.8	3.8	4.4	0.9	598.9	599.7	600.6	55	43	70	NW 2	N 2	SE 1	0	0	0	.	
28	5.5	10.2	8.2	8.0	4.7	600.5	599.9	600.7	36	27	31	NE 1	N 2	N 1	0	0	0	.	
29	7.5	11.1	8.2	8.9	5.8	601.2	602.0	602.1	30	25	50	N 2	N 3	N 2	0	0	0	.	🌂 II
30	7.9	14.3	9.8	10.7	7.7	602.5	603.3	602.7	45	32	40	N 1	N 1	N 1	0	0	0	.	
Mittel	3.8	6.6	4.3	4.9	—	594.9	595.2	595.6	63	54	68				4.7	4.6	5.2	Summe 243.5	

$\lambda = 7^{\circ} 26'$ $\beta = 46^{\circ} 57'$,
$H_b = 572.2^{m}$, $G = 0.05$ m/m.

Bern.

Oktober 1923.
Tellur. Observatorium.

Tag	Lufttemperatur 7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	13^{30}	21^{30}	Relative Feuchtigkeit 7^{30}	13^{30}	21^{30}	Windrichtung und Stärke 7^{30}	13^{30}	21^{30}	Bewölkung 7^{30}	13^{30}	21^{30}	Niederschlag	Witterung
1	10.0	**20.5**	15.6	15.4	4.7	**721.2**	719.0	718.8	92	61	82	E 0	N 0	SW 0	0	0	0	.	
2	10.9	16.6	13.8	13.8	3.2	716.7	716.2	714.5	92	76	91	S 0	NW 1	SW 0	4	9●	4	1.1	●° 12¼–17½
3	12.1	11.8	10.8	11.6	1.2	710.7	709.0	704.0	96	88	80	SW 0	SW 0	SW 1	10●	10	10●	14.9	● 4–11¾, 18¾–3, ↙ 22–n
4	6.1	7.7	5.0	6.3	−3.9	702.0	701.8	703.2	59	70	86	SW 2	SW 2	W 1	2	10	10●	1.9	↙, ● 15¾–22
5	4.7	5.5	5.9	5.4	−4.7	707.3	709.0	711.9	88	87	88	SW 0	SW 2	WSW 0	9	10●	10●	8.7	↙ 9½–17, ● 10¼–n
6	5.9	9.5	6.6	7.3	−2.6	712.9	712.9	714.3	97	76	95	SE 0	W 0	W 0	10≡	10	10	2.4	● n–4, ≡ n–10
7	6.8	10.0	6.9	7.9	−1.8	714.6	715.5	716.9	98	88	86	SE 0	W 1	SW 0	10●	10	0	0.9	● 4½–11¼, 13¾–14
8	7.9	8.4	8.6	8.3	−1.2	714.3	712.5	714.3	84	90	96	SW 0	SW 0	SW 0	10	10●	10●	6.4	● 9½–n
9	8.9	11.3	13.4	11.2	1.9	714.6	716.0	718.0	99	96	81	S 0	SW 0	W 1	10●	10	10	6.1	● n–12½
10	13.4	19.0	14.7	15.7	6.6	718.6	718.5	718.1	83	63	83	W 1	W 2	SW 0	8	4	8	.	↙ II
11	12.4	18.5	12.0	14.3	5.3	715.9	714.7	713.7	86	55	89	WSW 2	W 2	W 0	2	4	0	.	↙ I–18¼
12	6.9	17.2	13.1	12.4	3.6	711.1	708.2	705.7	88	60	78	SE 1	SW 0	SW 0	0	0	0	0.6	⌓ I, ↙ 15½–18, 22–24½, *)
13	12.3	13.4	9.0	11.6	3.0	703.0	702.7	704.2	84	88	94	W 0	SW 1	W 0	10	10●	10●	43.1	●² 9½–n, ↙ 9½–16
14	6.4	8.6	5.5	6.8	−1.6	706.2	706.4	708.4	94	73	96	SW 0	SW 0	W 0	10●	10	2	.	●² n–I
15	1.5	10.4	3.8	5.2	−3.0	711.4	712.3	712.9	96	**42**	91	SW 0	NW 1	N 0	2≡	4	0	.	⌓ ≡ n–8½
16	2.3	9.8	4.7	5.6	−2.4	712.3	712.4	715.0	94	57	95	SE 0	SW 1	W 0	10	0	0	.	⌓ I
17	3.2	10.7	4.8	6.2	−1.7	718.4	719.6	719.4	100	57	88	S 0	NE 1	NE 0	1	0	0	.	⌓ ≡ n I
18	**0.9**	10.4	8.0	6.4	−1.3	720.5	719.6	719.3	100	66	95	NE 0	W 0	NW 0	10≡	10	10	1.3	⌓ ≡ n–9¾, ● 20–20¼, *)
19	8.0	14.9	10.4	11.1	3.6	718.1	716.9	715.9	97	74	97	SE 0	SW 0	SW 0	10	2	1	.	⊍ 18½
20	9.4	17.3	12.0	12.9	5.6	715.7	715.6	714.1	97	77	98	S 0	W 0	SW 0	10	10	0	0.1	⊍ 18½, n ●°
21	9.8	17.7	12.0	13.2	6.1	711.9	709.8	706.7	97	69	92	SW 0	SW 0	SW 0	10	10	8	36.6	● 8–11, ⊍ 19
22	12.0	11.2	10.4	11.2	4.2	706.5	707.0	707.1	90	90	97	SW 1	SW 1	NW 0	10●	10●	10	**47.1**	↙ 0–5½, ●² 0½–19¼
23	9.5	12.0	9.5	10.3	3.5	707.3	706.0	703.1	91	62	94	N 0	WSW 2	S 0	3	4	3	0.1	↙ II, n ●°
24	14.9	12.5	11.9	13.1	6.5	**700.4**	703.4	703.5	68	90	99	WSW 3	SW 4	S 0	10	10●	10●	35.8	↙ 1–16½, 22–n, ●² 7¾–23
25	17.4	20.4	17.1	18.3	11.8	706.8	707.4	709.8	57	46	72	SW 4	SW 2	W 1	10●	6	10	.	↙ n–I, ↙–21, ●° 7½–7¾, *)
26	11.2	15.9	10.4	12.5	6.2	708.6	708.9	710.9	95	79	96	SW 0	W 0	W 0	1	10	8	6.1	● 13¾–17¾
27	6.8	14.5	9.9	10.4	4.3	707.9	706.8	706.5	100	76	98	W 0	W 0	N 0	10≡	1	2	.	≡ n–10
28	6.5	13.7	12.2	10.8	4.9	704.1	704.4	709.5	97	83	87	N 0	SW 0	SW 1	9	8	10	2.1	≡ ⌓ n–7¼, ● 20–21, 23–1
29	9.8	13.5	9.0	10.8	5.1	713.9	715.6	717.4	95	79	95	N 0	NE 0	NW 0	10	8	0	.	● 5–6
30	7.9	13.1	8.8	9.9	4.3	717.4	717.0	716.4	92	79	97	SE 0	SE 0	SE 0	10	0	0	.	
31	6.5	13.0	8.2	9.2	3.8	716.5	715.9	716.1	100	78	100	SE 0	NE 0	N 0	10≡	0	10≡	.	⌓ I, ≡ n–10, 18¼–n
Mittel	8.5	13.2	9.8	10.5	—	711.8	711.7	711.9	91	73	91				7.5	6.5	5.0	Summe 215.3	

*) **12.** ⊲ 19–n, K° ●° 21¾–22 *) **18.** 23½–24½ *) **25.** 19–20

$\lambda = 6^{\circ} 57'$, $\beta = 47^{\circ} 0'$,
$H_b = 487.3^{m}$, $G = 0.06$ m/m.

Neuchâtel.

Oktober 1923.
Observatorium.

Tag	Lufttemperatur 7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	13^{30}	21^{30}	Relative Feuchtigkeit 7^{30}	13^{30}	21^{30}	Windrichtung und Stärke 7^{30}	13^{30}	21^{30}	Bewölkung 7^{30}	13^{30}	21^{30}	Niederschlag	Witterung
1	11.6	**22.5**	17.2	17.1	4.1	**728.2**	725.9	725.4	100	43	54	NE 0	SW 1	NW 1	10	0	0	.	
2	15.7	16.8	15.7	16.1	3.2	723.6	723.2	721.1	61	73	66	SW 1	SW 1	W 1	7	10●	8	1.2	●° 11¾–15
3	12.7	17.8	10.8	13.8	1.1	717.2	714.7	709.6	84	**36**	98	SW 1	SW 2	SW 2	10●	5	10●	10.1	● n–9, 16–n, p ↙, n ↙
4	5.0	6.3	3.8	5.0	−7.5	709.3	709.1	711.0	85	75	96	W 3	SW 3	SW 3	10	10	10	5.0	a ●°, ↙, p ●
5	5.4	5.3	6.2	5.6	−6.8	714.8	716.4	719.0	87	98	98	NW 1	W 2	W 2	10	10●	10●	7.5	● 9–n, p ↙
6	7.1	10.1	8.2	8.5	−3.7	719.7	720.1	721.4	76	62	68	N 1	NE 1	NE 1	9	10	10	1.1	n (6/7) ●
7	7.6	9.6	9.1	8.8	−3.2	721.7	722.7	723.8	97	80	75	W 1	NW 1	NW 0	10●	10	10	0.3	●° n–14
8	8.7	8.2	9.6	8.8	−3.1	721.3	719.7	721.7	83	94	99	W 1	SW 3	NW 1	10	10●	10●	10.8	● 9–n, ↙ II
9	10.0	12.0	13.3	11.8	0.1	721.8	723.5	725.4	98	91	91	NW 1	W 2	W 2	10●	10●	10	2.6	● n–II, p ↙ ●°
10	13.7	18.9	15.8	16.1	4.6	726.2	725.5	724.9	85	55	59	W 1	SW 2	NW 2	8	7	0	.	p n ↙
11	14.0	19.5	14.8	16.1	4.8	723.0	721.7	720.6	60	46	51	W 2	SW 2	N 1	3	5	0	.	↙ n–20½, ≡° II
12	11.0	19.8	18.0	16.3	5.1	717.9	714.6	711.6	94	45	38	NE 0	SW 1	W 1	2	0	5	0.7	K III, n ●°
13	14.3	12.4	8.0	11.6	0.6	709.2	708.9	711.6	81	93	98	W 1	NW 1	NW 1	9	10●	10●	**42.0**	●², n ●
14	6.4	9.2	5.0	6.9	−3.9	713.3	713.6	715.8	100	77	89	E 0	NW 1	N 1	10	10	0	.	
15	2.2	11.9	5.2	6.4	−4.2	718.6	719.4	720.1	100	**36**	82	NE 1	SW 1	N 1	3	5	3	.	
16	3.8	10.7	7.2	7.2	−3.3	719.5	719.6	722.1	98	40	70	NE 0	SW 1	NW 1	10	1	2	.	
17	2.8	13.9	8.1	8.3	−2.0	725.6	725.9	726.7	100	**36**	51	N 1	E 1	N 1	3	2	2	.	
18	**2.0**	8.8	8.2	6.3	−3.8	727.7	726.7	726.6	100	61	93	NE 0	SE 1	SE 1	7	10	10	1.0	≡°–≡ n–9, ● 19½–n
19	7.9	16.1	10.2	11.4	1.5	725.4	724.0	723.0	100	46	98	N 1	SE 1	N 1	8	6	3	.	≡° II, n ●°
20	12.9	18.4	13.5	14.9	5.2	722.6	722.1	720.7	93	58	97	W 1	SW 1	N 1	8	10	7	.	≡° III
21	15.4	17.1	17.1	16.5	6.9	718.5	716.2	712.9	58	64	47	NW 1	NW 1	NW 1	10●	9	10	39.1	●° n–11, ●² III–n
22	12.0	11.2	11.8	11.7	2.3	713.1	713.6	714.1	98	100	86	NW 1	NW 1	W 1	10●	10●	9	23.6	●² n–12, ●°–III
23	11.0	17.2	13.4	13.9	4.7	714.2	712.0	709.0	54	46	72	W 1	SW 2	NW 1	4	6	8	1.5	≡° II
24	13.6	13.3	14.2	13.7	4.7	**706.8**	709.9	710.7	86	86	85	W 2	W 2	W 2	10●	10●	10	32.4	●² n–17, ↙
25	17.3	20.4	16.2	18.0	9.1	713.9	714.3	716.7	46	42	76	SW 2	SW 2	SW 1	8	7	10	2.4	↙ n–II, ● 20½–n
26	11.8	15.2	10.2	12.4	3.7	715.5	716.2	717.6	99	78	100	NW 1	W 1	N 1	5	10	9	13.3	≡°–≡ n–8, ● 11¼–17
27	8.2	9.9	8.7	8.9	0.4	715.0	714.1	713.4	100	100	100	NE 0	SE 0	N 1	10≡	10≡	10≡	.	≡, K 19, ≡² III–n
28	7.8	10.8	11.1	9.9	1.6	710.6	711.7	716.9	100	98	98	NE 1	SW 1	NE 0	10≡	10	10●	4.2	≡² n–13, ● 14½–n
29	9.5	13.0	9.2	10.6	2.5	720.8	722.9	724.6	98	74	97	N 0	W 1	N 0	10●	8	8	2.0	● n–11
30	8.7	15.1	9.0	10.9	3.0	724.6	724.1	723.4	100	58	99	NE 1	SE 1	NE 1	10≡	3	0	.	≡ n–12
31	8.4	9.8	8.9	9.0	1.3	723.8	723.3	723.1	100	100	100	NE 0	E 1	NE 0	10≡	10≡	10≡	.	≡², ≡ II
Mittel	9.6	13.6	10.9	11.4	—	718.8	718.6	718.8	88	67	82				8.2	7.5	6.9	Summe 200.8	

Oktober 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\,\%_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	7.9	19.0	12.2	13.0	1.0	**730.4**	728.9	728.0	98	50	94	W o	W o	E o	o	o	o	.	
2	11.4	18.1	13.9	14.5	2.7	726.4	725.2	724.0	98	53	98	W o	NW 2	NW o	7	10	10	.	🌧 II, ●° III
3	12.4	13.8	10.1	12.1	0.4	719.3	717.4	712.8	97	87	98	SE o	W o	W o	10●	10●	10	20.4	● I–p
4	6.1	8.8	6.9	7.3	−4.2	712.1	711.2	712.9	95	73	89	E o	W o	W o	10	10	10	3.8	n (4/5) ●
5	6.0	9.9	6.1	7.3	−4.1	717.1	718.1	721.6	94	62	95	E o	W 1–2	W o	10	10	10●	13.7	≡° I, ● III–n
6	6.6	11.0	6.7	8.1	−3.1	722.8	722.2	724.0	100	63	95	NW o	NW o	W o	10	9	10	1.4	n (6/7) ●
7	7.2	10.0	8.3	8.5	−2.5	724.4	725.2	726.4	100	80	98	W o	W o	W o	10●	10●	10●	3.5	●
8	7.0	8.8	8.3	8.0	−2.9	724.3	722.2	724.0	97	94	70	E o	W o	W o	10	10●	10●	12.9	● 11 1/2–n
9	8.4	10.9	10.5	9.9	−0.8	724.3	725.3	727.0	100	100	99	E o	W o	NE o	10	10●	8	9.4	●
10	11.1	16.4	11.4	13.0	2.5	728.2	727.8	727.1	100	72	97	E o	E 1–2	NE o	10	5	0	.	
11	9.2	17.6	10.0	12.3	1.9	724.8	723.3	723.1	98	60	98	E o	S o	E o	1	1	0	.	
12	6.6	15.6	9 5	10.6	0.4	720.9	717.3	715.0	96	47	50	NE o	NE o	E o	1	0	0	.	
13	18.8	16.6	10.2	15.2	5.2	711.0	711.2	714 2	35	62	96	E 1	NW o	W o	4	10●	10●	20 8	p n ●
14	7.4	9.3	7.7	8.1	−1.8	716.1	716.7	718.2	100	60	80	W o	N 1	N o	10	10	10	.	
15	6.9	11.0	5.5	7.8	−1.9	720.7	721.6	723.2	90	39	75	E o	NW 1	NE o	8	7	0	.	
16	3.8	10.2	5.5	6.5	−3.1	721.8	721.4	724.7	90	61	81	SE o	S o	SE o	5	0	0	.	
17	5.9	11.6	4.8	7.4	−2.0	728.4	728.3	729.7	98	54	96	SE o	NW o-1	NE o	7	0	0	.	≡° I
18	**2 5**	10.6	9.5	7.5	−1.8	730.3	729.0	728.4	94	50	98	S o	NW o	NW o	0	8	10●	.	●° III
19	9.4	14.2	11.3	11.6	2.5	728.1	726.4	725.1	100	82	97	NE o	W o	E o	10●	10	9	.	≡° I
20	9.7	17.0	11.3	12.7	3.8	725.0	724.9	723.3	100	60	93	E o	W o	NW o	10	7	8	.	
21	12.7	20.8	20.3	17.9	9.2	720.7	718.5	717.2	89	32	34	S o	SE 1	SE 2-3	10	8	8	.	🌧 III–n
22	13.4	13.6	11.3	12.8	4.2	715.2	715.6	716.6	91	84	88	SE o-1	NW o	NE o	7	10●	10	2.8	● II
23	8.3	14.5	18.7	13.8	5.4	717.6	714.5	711.5	100	69	35	NE o	W o	SE 1-2	9	10	6	.	
24	19.6	16.9	12.9	16.5	8.3	**708.4**	710.8	712.0	34	52	95	SE 2-3	NW o-1	N o-1	6	10●	10	2.4	🌧 I, ● 13–p
25	18.8	**21.6**	12.3	17.6	9.6	715.7	716.3	718.9	42	45	83	W o-1	W 1-2	SE o	7	6	7	.	
26	11.8	18.3	12.3	14.1	6.2	717.6	717.7	720.8	97	61	99	NE o	W o	SE o-1	3	3	10	4.3	● 18
27	10.4	20.7	17.3	16.1	8.4	717.2	715.8	715.7	100	36	38	S o	S 3-4	S 3	10	o	4	.	≡° I, p 🌧, n 🌧
28	19.9	21.4	15.7	19.0	11.5	713.7	713.9	719.4	30	**29**	64	S 3-4	S 2-3	NW o	6	8	10	.	🌧 n–II
29	13.0	14.4	9.7	12.4	5.0	723.8	725.1	727.1	71	63	97	N o	NW o	NW o	10	4	9	.	
30	7.3	12.1	7.4	8.9	1.7	727.0	726.8	726.5	100	84	100	NE o	W o	NE o	o	o	o	.	≡° 8–11
31	8.1	10.1	8.2	8.8	1.7	726.5	726.5	726.2	100	90	100	NE o	NW o	NW o	10≡	10≡	10≡	.	≡²
																		Summe	
Mittel	9.9	14.4	10.5	11.6	—	721.3	720.8	721.4	88	63	85				7.1	6.6	6.7	95.4	

Oktober 1923.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,\%_{m}$.

1	9.0	22.4	17.0	16.1	3.7	**736.0**	733.4	733.4	100	65	88	SW o	NW o	SW o	10≡	o	o	.	a ≡²
2	12.4	21.7	15.8	16.4	4.2	731.6	730.3	728.7	87	61	86	SW o	SW 1	SW o	2	2	9	0.8	n (2/3) ●°
3	13.4	16.0	11.6	13.8	1.7	725.6	723.2	717.8	92	76	87	SW o	SW 1	SW 2	10●	8	10●	11.4	●, 🌧 ● III–n
4	5.3	18.0	5.8	6.6	−5.3	718.7	718.2	719.5	82	68	88	SSW 3	SSW 2	SW 2	10●	10	9●	7.0	● 🌧
5	4 6	7.0	5.9	5 7	−6.0	723.2	724.8	727.7	93	85	91	NW o	SW o	SE o	10●	10●	10	2.0	●
6	5.4	10.2	6.8	7.6	−4.0	727.4	727.8	729.1	97	70	92	SE o	NNE 1	NNW o	9≡	10	2	0.3	a ≡
7	7.0	12.0	6.8	8.4	−3.0	730.1	730.7	731.9	96	76	94	NNW o	SW 1	SW o	10●	9	o	0.2	n a ●°
8	8.0	9.2	9.2	8.5	−2.7	729.9	728.3	729.6	86	89	96	NW o	W o	NNE o	10	10●	10●	7.6	p n ●
9	9.3	14.0	13.1	11.7	0.7	730.2	731.8	733.9	99	86	91	SSW o	NE o	NW o	10●	10	9	3.0	a ●
10	12 6	21.2	14.5	15.6	4.7	734.4	733.3	732.8	88	65	83	NNE o	SSW o	SW 1	9	o	o	.	
11	13.4	20.6	11.9	15.4	4.7	731.4	729.7	728.7	84	61	88	SSW 1	SW 1	SW o	o	o	o	.	⌓ I
12	8.6	22.0	19.2	15.5	5.0	725.5	722.9	720.3	92	**48**	61	SE o	SW 1	SW 1	o	o	o	0.1	⌓ I, p ●°, ⊼ 21
13	16.6	16.0	10.0	14.2	3.8	717.0	716.4	718.7	70	87	96	SW 1	SSW 1	SW o	8	10●	10●	**49.0**	●² 9–n, ⊼ 16–22
14	7.4	10.2	5.3	7.9	−2.3	720.7	721.2	723.3	94	68	90	SE o	NNE 1	NNE o	10	7	1	.	
15	**1.8**	11.0	5.7	6.2	−3.8	726.2	726.3	727.2	96	63	88	NNE o	NNE 1	SW o	o	o	o	.	⌓ I
16	4.6	11.2	7.2	7.6	−2.2	727.3	727.1	729.6	93	63	90	SW o	NNE 1	SW o	10	1	o	.	
17	2.2	11.6	5.9	7.0	−2.7	733.0	733.0	734.4	96	65	86	SW o	NNE 1	SW o	9	1	o	.	⌓ I
18	**1.8**	12.4	10.1	7.6	−1.9	735.2	733.8	734.1	96	65	90	SSW o	NNE o	NNE o	4	6	1	0.5	⌓ I, ◐ 8 1/2, ●° 16 3/4–20
19	8.0	16.0	12.4	11.7	2.4	732.7	731.2	730.6	96	70	88	SW o	NNE o	NE o	6	o	2	.	
20	14.7	21.7	15.2	16.7	7.6	730.7	730.0	728.2	83	60	93	SE o	SW 2	SW 1	6	9	9	.	🌧 II
21	16.2	16.4	18.6	16.5	7.6	725.9	723.9	720.7	75	80	60	SW 1	NNW o	SW 2	10	9	9	8.6	● a, n, 🌧 III
22	12.4	13.2	14.3	13.2	4.5	720.5	720.9	722.0	90	86	78	SW o	SSW 1	SE o	10●	10●	10	28.1	●² n–14 1/4
23	11.8	18.2	15.6	15.2	6.6	722.0	719.7	717.1	83	60	72	SE o	SW 1	SW 1	8	9	9	0.1	
24	16.5	17.0	17.6	16.9	8.5	**716.0**	718.0	719.8	72	75	68	SW 2	SW 2	SW 1	10●	10●	10	9.0	🌧 ● I–15 1/4
25	19.0	**23.3**	18.9	19.6	11.4	722.3	722.2	724.1	57	54	73	SSW 2	SW 2	SW 2	9	1	9	.	🌧
26	13.4	18.0	11.8	15.0	7.0	723.0	723.5	724.8	88	73	96	SW o	SW 1	SW o	1	9	8	8.9	⊼ 15, ●–16
27	9.8	12.0	9.6	10.2	2.3	722.1	721.2	720.5	100	91	100	SW o	NNE 1	NNW o	10≡	10≡	10≡	0.3	≡²
28	9.2	11.0	12.4	10.9	3.2	718.2	718.8	723.6	100	98	94	NNE o	SW o	SW o	10≡	10●	10●	27.9	a ≡, ●² 8 3/4–n
29	10.4	12.0	10.0	11.1	3.6	728.4	730.3	732.0	95	90	96	NNW 1	NNE o	SW o	10●	9	2	3.0	a ●
30	10.6	13.3	9.4	11.1	3.8	732.1	731.5	730.9	97	83	96	SW o	NNW 1	SW o	10≡	9	o	0.1	a ≡
31	8.8	10.8	10.2	9.7	2.6	731.1	730.7	730.6	100	94	96	NNE o	NE o	NNE o	10≡	10≡	10	0.1	≡ n–II
																		Summe	
Mittel	9.8	14.8	11.5	11.9	—	726.7	726.3	726.9	90	73	87				7.8	6.4	5.4	168.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{30}, 13^{30} u. 21^{30}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

Oktober 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	10.4	**24.6**	16.8	17.3	5.8	**727.3**	725.1	724.3	100	53	84	NE 1	SW 1	SW 0	10≡	0	0	.	≡ 7–9¼
2	13.8	16.7	14.2	14.9	3.6	723.2	722.6	720.8	95	85	100	S 0	NW 1	NW 0	8	9	8	1.7	●° 12–12³/₄, ● 17¼–20
3	14.0	12.4	12.2	12.9	1.8	716.5	714.9	710.0	89	92	78	SW 1	W 1	W 2	9	10	10	7.3	●° 4³/₄–5³/₄, 7³/₄–8, ●*)
4	7.2	8.6	5.4	7.1	−3.9	709.0	708.6	710.2	62	63	98	SW 3	W 2	E 0	10	10	10●	3.5	⛈ n–ll, ●° 15–16, ●*)
5	5.0	6.7	5.9	5.9	−4.9	713.9	715.2	718.1	92	91	99	SW 1	W 1	SW 1	9	10≡	10●	11.6	●° 5¼–7³/₄, ● 11½–n
6	6.4	8.4	6.2	7.0	−3.6	719.5	719.8	720.8	100	91	100	S 0	S 1	W 0	10●	10	9	3.2	● n–10½, ●°–13
7	7.2	9.9	9.5	8.9	−1.5	721.0	721.9	723.0	92	92	80	SW 1	NW 1	SW 1	10●	8	9	0.9	● 5–6³/₄, ●° 8½–13¼
8	9.4	8.4	9.2	9.0	−1.2	720.5	718.6	720.6	74	91	100	SW 1	SW 2	E 0	10	10●	10	11.6	●° 10, ⛈ 9³/₄–ll, ●*)
9	11.8	12.4	15.0	13.1	3.1	720.6	721.4	723.3	86	89	77	SW 1	SW 1	SW 2	10	10	9	1.5	● 10¼–12, ●°–17, p ⛈
10	14.8	18.1	15.7	16.2	6.3	724.4	724.0	723.7	84	71	79	W 1	SW 2	W 1	9	9	10	0.1	●° 2½, 5, 10½, ⛈ ll
11	12.8	20.1	10.6	14.5	4.8	721.5	720.4	720 0	88	57	98	W 1	W 2	SW 0	4	4	0	.	⛈ ll
12	9.8	20.0	12.0	13.9	4 4	718.0	714.5	711.5	100	53	86	SE 1	SW 1	E 1	9≡	2	0	.	≡ n–9, ≡°–10
13	13.4	15.2	8.6	12.4	3.1	708.9	708.8	711.5	95	81	100	E 0	W 1	N 0	8	10●	10●	**30.8**	●° 8½–9¼, ●² 10½–n,
14	6.4	9.1	5.8	7.1	−2.0	713.1	713.1	715.3	98	76	96	SW 0	SW 0	SW 0	10	10	4	1.1	● n–10¼ [⛈ II
15	2.0	12.8	3.4	6.1	−2.9	718.0	718.8	720.2	100	48	97	W 0	NW 1	NE 0	9≡	4	1	0.1	≡ l, ≡°–10
16	2.6	10.4	4.2	5.7	−3.1	719.0	719.0	721.6	100	57	100	N 0	NW 0	NE 0	9	1	3		⌊° ≡° n–9³/₄
17	2.8	12.8	4.0	6.5	−2.1	725.3	725.6	726.4	100	**42**	94	NE 1	NW 1	NE 0	2	1	0		⌊° ≡° n–9
18	**0.4**	11.2	8.8	6.8	−1.7	727.0	726.0	725.6	100	67	90	E 0	W 1	W 0	2	7	10	1.9	⌊² l, a ≡°, ⊕ 12–14, *)
19	9.1	18.7	11.2	13.0	4.7	724.7	723.3	721.8	96	66	100	S 1	NW 0	E 0	10	4	5	0.1	● 4–6, ●°–7, 12½, 13¼
20	12.0	16.8	12.6	13.8	5.7	721.8	722.1	720.1	90	75	95	E 0	S 1	E 0	10	10	8		⛈ 10³/₄
21	15.0	19.6	14.6	16.4	8.5	717.9	715.9	712.7	75	59	78	SW 2	S 1	E 1	10	9	9	20.5	⛈ l, ●° 12½–12³/₄
22	13.2	11.5	11.9	12.2	4.5	712.5	713.1	713.6	89	92	90	W 2	W 2	W 2	10●	10●	10	23.8	●² ⛈ 0³/₄–17½, ⛈–n
23	11.0	16.1	10.3	12.5	5.0	714.2	712.2	709.2	81	71	97	SW 2	S 1	E 1	4	9	4	0.1	⛈ n–l
24	16.2	13.9	13.0	14.4	7.1	**705.5**	709.0	710.0	58	82	92	W 1	W 3	NW 1	10	10●	10	10.9	●° 7–12, ●–18, ⛈ 9–p
25	18.9	21.4	16.4	18.9	11.8	713.1	713.9	716.2	54	51	83	SW 2	W 1	NW 1	7	8	10	0.8	⛈ n–9½, ●° 8½, 20–21
26	11.9	20.8	12.0	14.9	7.9	715.0	715.3	717.7	99	59	94	NE 0	NW 1	S 0	4	4	10	0.8	≡° n–9, ●° 15³/₄–17³/₄
27	7.6	16.4	9.5	11.2	4.4	714.5	713.4	713.0	100	66	98	NW 0	NW 1	NE 0	10≡	1	1	0.1	≡ n–10³/₄, n ☂²
28	7.0	20.0	13.2	13.4	6.8	710.8	710.1	716.6	100	57	85	NW 1	NW 1	NW 1	8	3	10	0.1	
29	10.8	16.6	10.6	12.7	6.3	720.8	722.0	724.0	87	61	93	NW 1	E 0	NE 1	10	3	5	.	
30	7.8	12.0	9.0	9.6	3.4	724.1	723.8	723.2	100	84	100	E 0	W 0	E 0	10≡	9	10≡	0.1	●° ≡ n–10, ≡°–p, ≡ III–n
31	8.2	11.6	8.4	9.4	3.3	723.1	723.0	723.0	100	87	100	W 0	NW 0	E 1	10≡	10	10≡	0.1	●° n–10, ≡ a, III–n, ≡° II
																		Summe	
Mittel	9.6	14.6	10.3	11.5	—	718.2	717.9	718.3	90	71	92				8.4	6.9	6.9	132.7	

*) **3.** 10–15, 22–2³/₄, ⊕ 15–18, ⛈ III–n *) **4.** 19½–22³/₄ *) **8.** 11¼–16, ●°–22½ *) **18.** ≡° 17, ●° 18³/₄

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

Oktober 1923.
Beobachter: *Fr. Schreiber.*

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	13.1	**13.6**	13.0	13.2	8.2	**625 3**	624.8	623.7	10	13	30	W 1	W 1	W 2	0	0	3	.	
2	6.8	7.6	6.6	7.0	2.1	621.1	620.3	618.5	99	85	80	W 2	NW 1	NW 2	5	10	10	16.0	≡° ll, n ●
3	5.4	3.4	2.8	3.9	−0.9	613.9	611.7	609.3	98	99	99	W 2	W 1	W 1	10	10≡	10	**23 3**	≡° l, ●² ≡, n ● ✶
4	−2.8	−2.8	−2.4	−2.7	−7.3	**603.3**	603.9	604.3	97	96	98	W 1	W 1	W 1	7	10	10	14.7	≡° III, n ✶
5	**−3.2**	−1.0	−2.6	−2.3	−6.8	607.4	609.7	610.6	98	93	95	W 1	W 1	NW 3	10*≡	10*≡	10*≡	20.3	✶ ≡, ⛈ III
6	−1.2	1.2	−1.0	−0.3	−4.7	613.5	613.9	614.3	98	76	95	W 0	W 0	W 0	10≡	10	5	.	≡ l, ≡°–II
7	0.0	1.2	0.4	0.5	−3.7	615.6	615.7	616.0	98	97	98	NW 2	NW 2	NW 2	10≡	10●≡	10≡	1.2	≡, ● II
8	−1.0	0.1	0.5	−0.1	−4.1	615.8	614.5	615.0	98	99	99	NW 2	NW 3	NW 3	10	10*●	10●≡	17.2	● ✶ II, p ● ≡ ⛈
9	2.4	4.0	6.2	4.2	0.3	616.4	617.0	618.9	98	99	70	NW 1	NW 3	NW 1	10	10●≡	10	9.7	⛈ II, ● ≡
10	6.2	6.8	8.0	7.0	3.3	620.5	621.1	620.7	98	99	99	W 2	NW 2	W 1	7	7	5	.	
11	9.8	8.8	9.2	9.3	5.7	618.6	618.5	617.5	15	40	35	NW 3	NW 4	NW 4	0	0	0	.	⛈
12	6.2	12.8	12.4	10.5	7.1	615.6	613.9	612.4	40	**3**	7	NW 2	W 1	NW 3	0	0	0	.	⛈ III
13	8.4	6.0	3.4	5.9	2.6	608.1	607.4	606.7	20	98	99	SW 2	NW 2	W 0	7	10	10●≡	11.2	p ≡°, ● ≡ III–n, n ✶
14	−2.2	−2.6	−1.8	−2.2	−5.3	607.9	608.3	608.9	98	98	98	W 0	W 0	W 0	10	10	10	.	
15	−2.2	−2.2	−3.0	−2.5	−5.5	611.6	613.0	613.7	98	98	98	W 0	W 0	W 0	10	10	0	.	≡° I
16	1.0	3.2	0.8	1.7	−1.1	613.5	613.6	614.3	50	44	94	W 0	W 1	NW 1	5	0	3	.	
17	−1.0	3.1	1.0	1.0	−1.7	617.9	618.9	619.4	99	37	60	W 0	SW 0	SW 0	10	0	0	.	≡° I
18	3.4	7.0	7.2	5.9	3.4	620.0	620.4	620.8	8	5	5	SW 0	SW 0	W 1	0	3	7	3.0	n (18/19) ●
19	8.0	12.4	12.1	10.8	8.5	620.6	620.9	621.1	66	93	23	W 2	SW 0	SW 1	10	3	3	.	
20	12.3	12.1	10.3	11.6	9.4	620.1	619.9	619.2	14	26	36	W 0	W 2	W 0	5	7	0	.	
21	11.8	11.3	10.2	11.1	9.1	616.1	613.1	612.0	17	23	21	NW 3	S 1	SW 2	7	7	5	1.9	⛈ l, n ●
22	2.1	3.2	4.0	3.1	1.2	610.2	609.7	610.3	97	99	61	NW 1	NW 3	NW 2	10	10●≡	7	18.2	⛈ II, ● ≡
23	3.2	8.0	7.1	6.1	4.3	610.6	610.1	608.4	99	25	29	NW 3	SW 0	SW 0	10≡	5	3	.	≡² ⛈ I
24	8.5	6.0	9.0	6.8	5.2	605.2	607.1	608.5	23	98	47	SE 3	W 2	W 3	10	10●≡	7	13.1	⛈, ≡² ● II
25	10.0	12.0	9.8	10 6	9.1	612.0	613.1	614.1	27	28	44	W 2	W 1	W 1	7	5	7	.	
26	7.7	11.0	5.0	7.9	6.5	612.9	613.2	614.1	97	34	50	SE 0	SW 1	W 3	10	3	10●	14.2	● ⛈ III–n
27	8.0	11.0	8.4	9.1	7.9	611.9	611.6	611.7	32	22	25	S 2	S 3	S 2	0	0	0	.	⛈ II
28	9.3	11.2	5.8	8.8	7.7	609.4	610.0	612.9	17	11	97	S 3	SW 4	W 2	7	5	10	.	⛈, ⛈ II
29	5.4	6.4	5.8	5.9	4.9	616.0	617.4	618.5	97	97	33	SE 0	SE 0	SE 0	10	10	0	.	
30	6.7	10.0	7.5	8.1	7.3	619.4	619.9	619.3	40	29	42	SW 0	SW 0	SW 0	0	0	0	.	
31	7.7	10.5	9.5	9.2	8.5	619.2	619.5	619.6	36	13	10	W 0	W 0	W 0	0	0	0	.	
																		Summe	
Mittel	4.8	6.3	5.2	5.4	—	614.5	614.6	614.7	64	60	61				6.7	6.0	5.3	164.0	⊠ Keine Angaben!

Oktober 1923. Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$, $H_b = 1707.6^m$, $G = -0.12\ ^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	0.8	**19.0**	5.6	8.5	3.4	**631.4**	629.1	628.5	81	36	72	SW 0	SW 0	W 0	0	0	0	.	
2	3.6	15.7	8.1	9.1	4.2	625.6	623.7	622.9	87	42	77	SW 0	SW 0	N 0	10	1	2	.	☾° 19³/₄
3	5.3	5.6	4.6	5.2	0.4	619.0	617.0	613.1	90	89	94	SW 0	SW 0	NE 0	10	10●	10●	20.6	●² 9–16, 19–n, n ✳
4	1.6	−1.8	−4.4	−1.5	−6.1	**607.5**	610.1	611.8	96	95	86	W 0	N 0	S 0	10*	10*	6	23.5	✳² n–III, ♃ 9–p
5	**−6.2**	2.5	−1.8	−1.8	−6.2	613.8	614.9	617.3	82	61	82	N 0	E 0	SW 0	6	1	9*	.	✳° △° 20–III
6	−1.8	5.3	−2.0	0.5	−3.7	618.8	618.7	620.8	86	54	82	N 0	SE 0	N 0	9	4	0	.	✳° 9¹/₂
7	−4.9	4.5	2.2	0.6	−3.5	621.0	621.0	622.8	82	61	78	W 0	E 0	N 0	8	9	10	.	
8	−1.5	3.0	0.6	0.7	−3.2	621.1	620.0	621.1	88	80	100	W 0	W 0	W 0	10	10*	0	1.0	✳ 13–20¹/₂
9	0.2	5.5	3.8	3.2	−0.5	622.0	622.9	624.9	97	77	98	S 0	W 0	SW 0	9	10●	3	4.8	● 12–p
10	5.7	13.5	3.9	7.7	4.2	625.7	626.1	626.1	90	56	87	NE 0	NW 1	S 0	7	5	0	.	a ☄
11	0.2	15.5	3.0	6.2	2.9	623.9	622.6	622.1	90	**33**	71	S 0	SW 1	S 0	1	3	0	.	
12	−0.9	15.1	4.6	6.3	3.1	620.9	618.9	619.5	78	34	82	W 0	SW 1	W 0	0	0	1	0.5	n (¹²/₁₃) ☾°
13	4.0	7.6	6.2	5.9	2.9	615.7	614.7	612.3	98	86	96	W 0	SW 0	S 0	8	10●	10●	**38.5**	●² 7²/₄–n, ♐ 19–n, n ✳
14	1.0	2.9	1.7	1.9	−0.9	612.4	612.8	614.5	94	85	89	N 0	W 0	N 1	10*	10*	8	3.4	✳ n–18
15	0.6	4.4	−3.7	0.4	−2.2	616.7	617.6	620.9	75	49	68	NE 0	W 1	W 0	5	1	0	.	
16	−3.5	5.5	−2.0	0.0	−2.4	620.3	620.8	621.0	78	61	81	W 0	SW 0	SE 0	9	9	1	.	
17	−3.3	6.4	−2.7	0.1	−2.1	623.6	624.4	626.9	81	38	67	S 0	W 1	N 0	0	0	1	.	
18	−5.3	10.4	2.7	2.6	0.6	627.8	626.8	627.8	76	38	72	E 0	S 0	W 0	0	3	8	.	
19	2.4	8.4	1.7	4.2	2.3	627.3	627.4	628.2	82	75	93	W 0	NE 0	E 0	9●	10	9	0.1	● l–p, ♅ III
20	1.9	13.0	4.4	6.4	4.7	627.2	626.1	626.5	95	58	85	SW 0	SW 0	S 0	7	9	1	.	♅² 19¹/₂
21	4.8	10.8	8.0	7.9	6.4	624.6	623.6	621.7	96	63	85	SW 1	SW 1	S 1	6	9	9●	2.0	● III–n
22	7.1	8.0	6.6	7.2	5.9	618.2	616.3	616.2	89	87	91	W 0	SW 0	SW 0	10●	10●	10●	14.6	●
23	7.5	9.5	7.6	8.2	7.1	616.6	616.8	616.6	88	72	85	W 0	W 1	W 0	9●	10●	10●	8.1	● 12¹/₄–n
24	8.3	8.7	8.5	8.5	7.6	614.3	614.5	617.5	83	84	92	W 1	SW 1	W 0	9	10	10	4.1	●
25	8.5	12.1	9.0	9.9	9.2	619.9	620.9	621.4	90	72	88	SW 1	S 2	W 0	3	2	9	.	☄ II
26	9.0	12.9	7.9	9.9	9.4	620.3	620.1	620.9	88	57	88	S 0	SW 1	E 0	9	5	9	1.0	
27	7.4	9.6	6.9	8.0	7.7	620.0	620.4	620.1	88	70	88	W 0	S 1	SW 0	9●	9	9●	7.4	● n–10, p
28	5.9	9.0	8.5	7.8	7.7	618.8	619.1	620.8	95	79	58	W 0	SW 0	SW 0	8	10●	9	2.3	● 9–p
29	2.8	11.6	2.8	5.7	5.7	623.3	623.9	626.5	82	51	78	W 0	S 1	NW 0	7	5	0	.	
30	−0.2	13.3	2.7	5.3	5.5	626.3	625.1	625.9	87	49	84	S 0	S 1	S 0	1	1	0	.	
31	−1.3	12.0	2.1	4.3	4.7	625.7	624.7	626.3	87	51	79	SW 0	S 0	S 0	0	0	0	.	
																		Summe	
Mittel	1.9	9.0	3.5	4.8	—	621.0	620.7	621.4	87	63	83				6.4	6.0	5.0	131.9	

Oktober 1923. Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$, $H_b = 541.8^m$, $G = 0.00\ ^m/_m$.

1	9.4	**22.1**	17.1	16.2	3.9	**723.9**	720.7	720.4	85	38	59	NE 0	SW 0	NE 0–1	0≡	0	0	.	≡ △ I
2	10.0	21.7	15.9	15.9	3.8	719.1	716.5	715.5	100	48	75	NE 0	SW 0–1	E 0	9	3	7	0.4	△ I
3	13.3	17.5	12.6	14.5	2.5	712.0	708.9	705.6	100	49	68	SW 0	SW 1–2	NE 0	10●	8	10●	7.7	☾° 5–9, ● III–n
4	7.0	11.2	6.1	8.1	−3.7	704.9	704.0	706.0	43	38	75	SW 2	SW 1–2	NE 0	3	8	10●	0.7	☄ I, ☾° 21–n
5	5.8	8.9	6.0	6.9	−4.8	709.5	711.3	713.9	96	71	100	N 0	SW 0	W 0	8	10●	10●	4.7	● 12⁵/₄–II, 20–n
6	6.3	11.3	7.7	8.4	−3.1	714.5	714.3	716.2	97	51	96	W 0	N 0	NW 0	10	7	10	0.2	
7	7.0	12.2	7.1	8.8	−2.5	716.5	716.7	718.7	96	60	90	NE 0	SW 0–1	NE 0	10	9	1	.	△ I
8	4.8	7.6	5.8	6.1	−5.0	716.8	716.5	717.7	100	100	100	NE 0	NE 0	NE 0	10	10●	10●	16.8	● 11–n
9	5.8	10.1	10.5	8.8	−2.1	717.7	719.3	720.9	100	100	98	NE 0	NE 0	NE 0	10	10●	3	10.3	● 8³/₄–15
10	9.5	17.0	13.0	13.2	2.4	721.3	720.3	720.0	100	66	93	NW 0	NW 0	NE 0	9	7	0	.	
11	10.3	14.4	12.4	12.4	1.8	718.7	716.3	715.9	87	64	78	NE 0	SW 0–1	NE 0	9	0	0	.	△ I
12	7.1	17.4	16.3	13.6	3.2	714.0	710.5	708.4	94	**32**	40	NE 0	NE 0	NE 0	0	1	4	3.1	△ I
13	11.6	16.0	10.2	12.6	2.4	707.0	704.2	704.4	93	69	98	NE 0	NE 0	SW 2	10●	10	10●	9.3	● 0¹/₂–11, 14, 18–n, ☄ III
14	6.4	12.6	6.2	8.4	−1.6	707.0	706.9	709.9	94	50	74	W 0	SW 1	NE 0–1	4	5	2	.	
15	**3.3**	11.9	6.3	7.2	−2.7	713.0	712.9	714.7	88	39	70	NE 0	W 0–1	NE 0	0	1	3	.	△ I
16	4.8	11.8	6.9	7.8	−1.9	713.9	713.8	716.4	87	48	81	NE 0	W 0–1	NE 0–1	10	3	0	.	
17	**3.3**	11.8	7.4	7.5	−2.0	720.2	719.9	721.3	100	52	85	NE 0	SW 0	NE 0	0	0	0	.	△ I
18	3.8	14.0	9.7	9.2	−0.1	722.4	720.7	722.0	92	38	87	NE 0	SW 0–1	NE 0	3	8	10●	0.3	△ I, ☾° 21¹/₄–III
19	9.2	17.1	13.7	13.3	4.2	720.7	719.3	719.2	96	54	86	NE 0	NE 0	NE 0	10	1	4	.	
20	11.4	17.5	14.0	14.3	5.4	718.3	717.5	716.5	89	56	86	NE 0	NE 0	NE 0	9	7	7	.	
21	12.6	17.8	15.2	15.2	6.4	714.3	713.4	711.9	82	56	55	N 0	N 0	NE 0	10	10	10	2.3	n (²¹/₂₂) ●
22	11.7	12.4	9.8	11.3	2.7	708.6	708.9	710.7	100	100	98	NE 0	E 0	NE 0	10	10●	10	**33.0**	●² 10–21
23	6.8	12.8	10.4	10.0	1.6	710.4	708.8	706.6	100	71	86	NE 0	NE 0	NE 0	2≡	9	6	0.2	≡ I
24	11.4	12.4	12.2	12.0	3.8	**703.4**	707.0	709.6	75	100	97	NE 0	NE 0	NE 0	10	10●	10●	8.1	● 8–9, 10–n
25	11.2	18.8	16.1	15.4	7.4	711.0	709.6	712.3	99	64	79	N 0	N 0	N 0	8	8	10	.	
26	11.2	18.2	12.0	13.8	5.9	710.9	710.3	713.4	92	55	100	NE 0	NE 0	NE 0	0	6	9	2.7	△ I, ● 18¹/₂–21, n
27	9.6	19.4	14.7	14.6	6.9	710.5	708.6	709.1	95	41	55	NE 0	SE 0	NE 0	1	2	0	.	
28	12.4	20.2	13.2	15.3	7.8	706.9	706.2	711.5	59	38	95	N 0	NE 0	W 0	9	8	10●	1.0	● 21–n
29	11.2	14.8	10.5	12.2	4.9	715.0	716.8	719.0	93	59	92	W 0	W 0	NE 0	10	8	1	.	
30	7.0	15.9	10.1	11.0	3.9	719.8	718.1	718.8	99	47	93	NE 0	NE 0	NE 0	0	0	0	.	△ I
31	6.8	16.3	9.7	10.9	4.0	718.7	717.1	718.0	96	40	89	NE 0	NE 0	N 0	0≡	0	0	.	≡ △ I
																		Summe	
Mittel	8.5	14.9	10.9	11.4	—	714.2	713.4	714.3	91	58	83				6.3	5.8	5.4	100.8	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Oktober 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	12.4	23.8	17.0	17.7	3.1	746.9	740.1	743.6	81	46	86	N	o	SSE	o	N	o	o	o	o	.	⊿ I
2	14.4	23.4	16.2	18.0	3.6	740.3	737.4	737.5	87	45	86	N	o	SSE	o	NE	o	10	2	10	4.0	⊿ I
3	13.2	13.8	11.2	12.7	−1.5	734.6	733.1	728.3	89	84	88	NE	o	NE	o	N	o	10●	10●	10	57.2	⊼ ● 6½–I, ●², n ⊼ ●²
4	10.4	11.6	7.2	9.7	−4.3	722.7	724.4	728.5	81	51	81	N	o	E	o	N	o	10	10	4	3.2	a ●
5	6.0	14.8	9.2	10.0	−3.8	731.1	731.6	733.4	76	41	80	N	o	SE	o	N	o	o	3	2	.	
6	5.8	20.0	10.2	12.0	−1.6	735.2	744.4	736.5	80	35	84	N	o	SE	o	N	o	o	3	5	.	
7	7.4	17.4	10.8	11.9	−1.5	738.2	737.3	738.5	75	45	82	N	o	SE	o	N	o	2	4	6	.	
8	7.4	12.8	9.0	9.7	−3.5	738.6	737.2	737.7	76	67	78	N	o	W	o	NW	o	6	10	2	.	
9	8.0	18.2	11.2	12.5	−0.5	738.4	738.8	740.4	81	51	92	N	o	S	o	N	o	8	3	2	.	
10	9.4	20.2	13.2	14.3	1.5	740.8	740.6	740.6	81	47	88	N	o	SE	o	N	o	o	o	o	.	
11	10.8	20.8	15.6	15.7	3.1	739.7	737.3	737.2	87	51	92	NW	o	S	o	N	o	10	3	6	.	≡° I
12	14.2	18.2	14.8	15.7	3.3	736.9	736.4	735.8	80	61	86	N	o	E	o	N	o	10	10	10	3.4	n (12/13) ●
13	14.0	15.4	15.2	14.9	2.7	732.3	730.6	726.4	90	82	72	N	o	E	o	NE	o	10≡●	10	10	6.0	≡ I, ●, n ●
14	14.4	17.4	14.0	15.3	3.3	726.0	726.8	729.0	58	58	54	NE	1	NE	o	NE	1	10	9	0	.	
15	13.2	17.6	9.4	13.4	1.6	732.1	732.5	737.2	25	25	52	NE	2	NE	2	N	o	o	o	o	.	⌿ n-II
16	8.0	15.0	6.8	9.9	−1.7	739.0	738.6	738.6	68	46	90	N	o	E	o	N	o	10	10	0	.	
17	4.8	15.6	10.0	10.0	−1.4	740.6	741.4	744.6	76	42	84	N	o	SE	o	N	o	o	o	o	.	
18	10.0	15.6	8.8	11.5	0.3	746.2	746.2	746.6	78	51	84	N	o	S	o	N	o	4	4	o	.	
19	7.6	15.6	9.2	10.8	−0.2	745.8	744.6	744.8	82	51	84	N	o	S	o	N	o	3	2	4	.	
20	8.2	15.6	11.4	11.7	0.9	744.7	744.5	743.5	87	61	80	N	o	W	o	NW	o	4	8	10	.	
21	11.4	14.4	13.0	12.9	2.3	743.4	741.2	738.5	81	72	90	N	o	SE	o	SE	o	10	10	10	8.8	● ≡° III–n
22	13.2	13.4	13.2	13.3	2.9	735.9	732.2	732.4	86	84	88	NE	o	NE	o	NE	o	10	10	10	25.4	●² ≡°, n ●
23	13.2	15.8	14.8	14.6	4.4	732.9	733.3	733.0	85	78	84	W	o	S	o	SE	o	10	10	10	.	●° n–I
24	15.0	18.6	15.0	16.2	6.2	730.2	730.3	733.0	78	61	88	SE	o	SSW	o	N	o	10	10	10	3.0	n (24/25) ●
25	15.0	19.6	15.0	16.5	6.6	736.5	737.4	737.3	86	62	92	NNE	o	E	o	SE	o	10	10	10≡	11.0	p n ●, ≡² III
26	15.4	17.8	15.4	16.2	6.5	736.5	736.7	736.5	92	88	88	SSE	o	SE	o	SE	o	10	10	10●	22.4	●² III–n
27	15.2	14.8	14.4	14.8	5.3	736.3	736.9	735.4	72	84	90	E	o	W	o	SSE	o	10●	10●	10●	25.2	●, n ●²
28	14.2	16.0	14.2	14.8	5.5	734.9	735.4	736.8	92	82	86	SE	o	SSW	o	SE	o	10●	10	10	7.8	● a, n
29	13.2	18.8	9.8	13.9	4.8	740.0	740.9	741.7	86	48	74	W	o	W	o	W	o	3	3	o	.	
30	9.0	16.8	9.8	11.9	3.0	741.7	741.0	741.6	80	50	80	N	o	E	o	N	o	o	o	o	.	
31	8.4	16.8	10.8	12.0	3.2	742.0	740.9	741.8	82	54	85	NW	o	NE	o	N	o	o	o	o	.	
																					Summe	
Mittel	11.0	17.0	12.1	13.4	—	737.7	736.8	737.3	79	58	83							6.5	5.9	5.2	177.4	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Oktober 1923.
Bernoullianum.

1	13.0	23.0	16.6	17.5	5.4	745.0	743.0	742.6	93	58	80	SE	1	E	1	S	o	2	o	o	.	
2	15.2	16.4	15.2	15.6	3.7	741.8	740.8	739.1	85	94	96	N	1	S	o	N	o	10	10●	10●	13.1	● 10¼–11½, II–14¼, *)
3	12.6	15.2	11.6	13.1	1.4	735.1	732.4	727.4	95	71	93	SW	1	SW	2	SE	o	10●	6	10	5.0	● 2¾–10, 18¼–20½, *)
4	8.4	8.6	6.2	7.7	−3.8	726.3	726.4	728.2	61	66	94	SW	1	S	1	E	1	10	9	10	5.4	● 9¼–9½, 16¼–21
5	7.0	7.4	8.2	7.5	−3.8	732.3	733.5	736.7	85	91	97	SW	o	S	1	E	o	10	10●	10●	15.0	● 9¼–24½
6	7.8	11.2	7.6	8.9	−2.2	738.3	738.3	739.5	94	66	94	SW	1	W	1	SW	1	10	9	9	1.3	● 6¼–7¼
7	7.8	13.1	10.6	10.5	−0.5	739.8	740.5	741.5	94	64	80	S	o	W	1	SW	o	10	8	10	.	● 3½–6½
8	10.6	9.6	10.6	10.3	−0.5	738.4	736.3	738.7	75	95	95	S	1	E	1	W	1	10	10●	10	4.8	● 8–8¼, 11–15¾
9	10.6	15.4	16.4	14.1	3.5	738.8	739.5	741.8	95	79	73	SE	1	SW	1	S	3	10●	10	3	4.2	● 4¾–11¾, ⌿ III
10	15.6	20.2	16.0	17.3	6.9	743.0	742.2	742.3	83	68	79	SW	1	SW	3	SW	2	10	6	2	.	p ⌿
11	15.2	18.4	16.0	16.5	6.3	740.1	739.1	738.4	71	59	75	SW	1	W	3	SW	3	7	6	8	.	p ⌿
12	13.4	17.6	14.6	15.2	5.2	735.8	732.0	728.1	84	66	89	N	1	E	1	NW	1	8	3	o	2.5	
13	14.0	11.4	9.4	11.6	1.8	726.7	727.6	729.7	93	95	95	SW	1	SW	1	S	o	10●	10●	10●	44.0	● 1½–1¾, 5¾–8¼, ●² [8¾–3½
14	7.8	11.0	6.8	8.5	−1.1	731.5	731.6	733.9	94	62	85	W	o	W	1	E	1	8	6	2	.	
15	2.8	12.2	5.0	6.7	−2.7	736.6	737.6	739.2	97	47	94	SE	1	W	1	S	1	5	5	o	.	≡° I
16	2.8	10.4	5.6	6.3	−2.9	737.9	737.7	740.7	97	65	94	S	1	E	1	W	o	10≡	1	o	.	≡ I
17	1.4	11.4	6.0	6.3	−2.7	744.7	744.6	745.5	96	53	85	E	1	W	1	E	1	10≡	1	o	.	≡ ⌴ I
18	2.2	12.8	9.8	8.3	−0.5	746.0	744.1	743.8	96	60	82	SE	1	E	1	SE	1	8	8	10●	0.5	≡° I, ●° III–22
19	10.2	17.2	14.2	13.9	5.3	742.4	740.6	738.9	90	65	84	SE	1	E	1	SE	1	10	7	2	0.1	●° 3½–5¼
20	13.0	16.8	15.8	15.2	6.8	739.2	739.5	736.7	86	83	85	SE	1	E	1	E	1	10	10	7	.	Ψ 20½
21	12.9	24.4	17.8	18.4	10.1	735.1	731.4	731.0	92	34	71	SE	1	SW	3	W	4	10	9	8	22.5	p ⌿, ⌿ 19½–22, ●² 23¼–n
22	12.0	13.2	13.4	12.9	4.8	730.6	730.8	731.2	95	86	76	W	1	S	1	S	1	10●	10	7	12.0	● n–11, 14½–14¾, 23¼–1½
23	10.0	18.8	14.8	14.5	6.6	732.0	728.7	725.6	86	54	68	E	1	S	1	S	1	6	6	8	0.3	●° 4–4½, n
24	18.4	11.8	16.5	15.6	7.9	723.1	727.8	726.4	54	87	64	SW	4	NW	2	SW	3	9	10●	10●	18.7	⌿ I, ⌿, ● 8–21¾, ⌿ 22–n
25	21.2	22.8	14.4	19.5	12.0	729.8	731.3	734.9	47	49	91	W	3	W	2	W	1	7	6	10	1.0	⌿ n–II, ● 20½–21¼
26	12.0	15.4	12.2	13.2	5.8	732.5	733.4	735.4	98	96	98	SE	1	S	1	SE	1	10	10●	6	8.6	● o–o¾, 12¼–15½, ≡° I
27	10.8	18.2	14.1	14.4	7.2	731.8	730.4	730.4	90	63	79	E	1	SE	2	SE	1	4	7	5	.	●° 2½–2¾, ⌿ II
28	10.8	15.5	13.0	13.1	6.1	728.0	728.5	735.2	87	78	90	SE	1	W	o	W	1	10	8	10●	0.5	●° 22–23½
29	11.4	14.2	11.0	12.2	5.3	739.3	740.8	743.0	90	76	90	SE	1	W	1	W	o	10	7	1	0.4	●° o½, 9½–9¾
30	8.2	15.6	10.8	11.5	4.8	742.6	741.6	741.1	97	73	93	SE	1	E	o	S	o	2	1	2	.	
31	9.2	14.6	10.2	11.3	4.8	741.3	740.6	741.5	92	78	95	E	1	SE	1	E	o	9	1	10	.	≡° I
																					Summe	
Mittel	10.6	15.0	11.9	12.5	—	736.3	735.9	736.4	87	70	86							8.5	6.8	6.1	159.9	

*) 2. 20½–1½ *) 3. 23–24, ⌿ II

Oktober 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$Hb = 2500.1^m$, $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	8.1	**10.6**	4.6	7.8	7.1	**573.2**	572.6	570.1	29	34	98	WSW 3	WSW 4	WSW 5	0	0	7	.	p n 🌨
2	2.5	2.6	2.0	2.4	1.9	567.6	566.9	565.5	100	100	100	WSW 4	W 4	WSW 4	10≡	10≡●	10≡●	8.7	≡ 🌨, ● $13^1/_4$-n
3	0.5	0.0	−1.1	−0.2	−0.6	561.3	559.1	555.0	100	100	100	WSW 2	W 2	WSW 1	10≡●	10≡*	10≡	18.0	● n-l, ● * ≡, n ● * ≡
4	−8.5	−7.5	−7.4	−7.8	−8.1	**549.9**	550.4	552.0	100	100	100	W 3	WSW 2	WSW 2	10≡*	10≡*	10≡*	8.1	≡ * ⛆, n *
5	−8.0	−6.3	−6.6	−7.0	−7.2	554.2	555.8	558.4	100	100	100	WSW 2	WSW 1	WSW 2	10≡	10≡*	10≡*	25.1	≡, *² ⛆ $9^1/_2$-n
6	−5.4	−1.8	−5.8	−4.3	−4.3	560.0	560.5	561.3	100	100	100	WSW 0	SW 1	WSW 2	10≡*	10≡	10≡*	5.3	* n-8, 20-n, ≡
7	−4.3	−3.8	−5.5	−4.5	−4.4	561.4	562.1	563.6	100	100	100	W 2	WNW 1	W 2	10≡*	10≡*	10≡*	18.7	≡ * ⛆
8	−5.2	−2.6	−1.6	−3.1	−2.9	561.0	559.5	562.5	100	100	100	WSW 2	WSW 4	W 1	10≡*	10≡*	10≡●	**33.5**	≡ *² ⛆, 🌨 II, ●² * III-n
9	−2.1	0.0	1.5	−0.2	0.1	563.0	563.9	566.5	100	100	100	WSW 3	W 5	WSW 5	10≡●	10≡*●	10≡●	29.4	≡ * ●², p n 🌨, ●² ≡
10	2.4	3.8	1.3	2.5	3.0	567.5	567.9	567.7	100	100	100	WSW 5	WSW 5	WSW 5	10≡●	10≡●	10≡●	6.7	≡ ● 🌨 [16-n
11	3.8	2.8	1.0	2.5	3.1	564.8	564.6	564.1	52	84	100	WSW 5	WSW 5	WSW 5	3	5	0	.	🌨; ≡ $16^1/_2$-21
12	0.8	7.8	5.3	4.6	5.3	562.1	562.1	560.2	100	100	46	WSW 5	SW 4	SW 4	2	2	2	.	🌨 l, $16^1/_2$, 🌨
13	2.6	3.3	−2.1	1.3	2.1	556.9	556.1	555.1	90	100	100	SSW 3	SSW 3	W 2	7	10≡	10≡*	26.6	🌨 n-l, ≡ $11^1/_2$-n, p ●,
14	−5.6	−2.8	−7.3	−5.2	−4.3	554.5	554.9	556.4	100	100	100	W 1	W 0	W 1	10≡	10≡●	10≡	0.5	≡, *° 11-III [*² 20-n
15	−8.5	−6.2	**−9.6**	−8.1	−7.0	557.8	559.3	560.7	100	100	100	W 1	SW 1	WSW 1	10≡	10≡*	1	.	≡ n-17
16	−4.0	−3.4	−5.5	−4.3	−3.1	560.1	560.7	562.0	67	54	100	WSW 3	WSW 4	WSW 4	8	5	10≡	.	🌨, ≡ $19^1/_2$-n
17	−6.8	−3.8	−3.2	−4.6	−3.3	564.1	565.8	567.2	100	85	30	WSW 2	WSW 3	WSW 3	10≡	1	1	.	≡ n-l
18	1.0	3.4	0.0	1.5	2.9	568.2	568.8	568.5	**22**	24	68	WSW 2	WSW 2	WSW 4	2	6	10	9.4	🌨 III-n
19	2.6	4.2	7.2	4.7	6.3	568.4	569.0	569.2	100	87	48	WSW 4	SW 3	SW 4	10≡●	10	7	.	● ≡ n-l, 🌨, ☋ 21
20	6.0	9.5	7.0	6.5	8.2	568.6	568.8	567.9	62	58	49	SW 3	WSW 2	SSW 3	10	10	7	.	●°
21	7.5	7.4	4.0	6.3	8.1	565.7	564.4	561.4	34	50	76	SW 2	SSW 1	SSW 4	10	9	9	.	🌨 III-n
22	2.0	−0.3	−0.2	0.5	2.4	558.6	557.4	557.6	95	100	100	SSW 4	WSW 4	WSW 3	7	10≡△	10≡	18.1	🌨 l, II, ≡ $10^1/_2$-n, ● *)
23	−0.8	0.4	1.6	0.4	2.5	558.4	558.7	556.7	100	100	90	WSW 2	SSW 3	SSW 5	10≡	9	6	.	≡ $6^1/_2$-$10^1/_2$, 🌨 III-n
24	3.2	2.4	4.0	3.2	5.4	554.6	555.6	557.4	82	100	70	SSW 4	SW 4	SSW 4	9	10≡●	5	18.1	🌨, ● $10^1/_2$-15, * -18, p ≡,
25	4.8	7.0	3.8	5.2	7.5	560.7	562.4	563.5	70	72	100	S 4	S 2	WSW 4	8	6	10≡	.	🌨 a, III, ≡ 19-n [🌨 $16^1/_2$
26	3.2	6.8	0.0	3.3	5.7	561.6	562.3	562.8	100	90	100	SSW 3	SSW 1	SW 4	2	10≡	10	18.0	p ≡, ⛆ 16, ● △ 15-21, 🌨 [III-n
27	1.8	4.4	2.5	2.9	5.5	560.9	561.1	560.8	80	69	85	S 3	S 4	SSE 4	2	3	3	.	🌨
28	3.5	4.6	2.5	3.5	6.2	559.6	558.5	562.1	60	65	84	S 4	SSE 5	SSE 2	6	9	10	.	🌨, 🌨 II
29	1.0	4.0	3.0	2.7	5.5	563.6	565.9	567.4	90	70	61	S 3	SW 3	SSW 2	6	5	2	.	
30	1.9	5.4	2.8	3.4	6.4	567.7	567.9	567.9	90	82	93	WNW 1	W 1	WSW 1	2	2	0	.	⌴ l
31	2.0	7.0	4.0	4.3	7.4	567.3	568.2	568.4	89	40	54	WSW 3	SW 3	SSW 0	0	0	0	.	
Mittel	0.1	1.8	0.1	0.7	—	562.0	562.3	562.6	84	83	85				7.2	7.5	7.1	Summe 244.2	*) **22.** $10^1/_2$, △ * −$20^1/_2$

Oktober 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$Hb = 2102.9^m$, $G = -0.14\,^m/_m$.

1	10.0	**14.4**	9.2	11.2	8.4	**601.9**	601.2	598.5	31	**29**	43	N 0	N 0	N 0	0	0	0	.	
2	6.8	9.0	5.4	7.1	4.4	596.3	595.4	594.1	56	59	72	N 1	N 2	N 2	2	2	10≡	0.4	≡ $20^1/_4$-n, n ●°
3	3.9	3.7	2.3	3.3	0.7	589.9	587.6	582.2	65	67	70	N 0	N 1	N 1	10	10●	5	29.4	●² $11^3/_4$-$18^1/_2$
4	−3.7	1.0	−5.0	−2.6	−5.1	**579.4**	579.8	581.7	84	92	75	NE 2	NE 2	NE 0	10*≡	10≡	4	1.8	* n-$9^1/_4$, ≡ n-18
5	−5.2	−1.8	−4.7	−3.9	−6.2	583.8	584.8	586.7	75	43	82	NE 1	NE 1	N 3	4	10	10*	7.6	* $15^3/_4$-n, 🌨 III
6	−3.6	−2.4	−3.6	−3.2	−5.4	589.1	589.5	590.4	75	74	74	N 1	N 1	N 1	10≡	0	0	0.3	≡ n-10, n *°
7	−1.8	−0.4	−3.1	−1.8	−3.8	591.1	591.9	591.5	65	68	89	N 0	NW 1	NW 1	10≡	10*≡	10≡	1.2	≡, * $11^1/_4$-$14^1/_2$
8	−1.3	−0.1	−2.5	−1.3	−3.2	591.4	590.9	591.3	55	65	81	E 1	E 1	NW 3	8	10*	10≡	11.4	* 11-20, ≡ 🌨-n
9	0.3	3.7	3.8	2.6	0.9	592.6	593.9	594.6	70	67	66	N 1	N 3	N 3	10	10	0	8.7	a ●, p n 🌨
10	4.8	8.4	6.3	6.5	4.9	597.1	598.2	597.3	75	57	45	N 2	N 0	NW 1	10≡	5	0	.	≡ n-9
11	5.2	10.0	5.0	6.7	5.3	595.2	594.9	592.1	40	32	45	N 0	N 1	N 1	0	0	0	.	
12	5.6	7.8	3.3	5.6	4.3	591.7	591.1	589.7	**29**	56	89	N 0	N 0	S 1	0	0	10≡	6.7	≡ 20-n
13	3.8	4.6	0.0	2.8	1.7	586.7	585.8	584.2	67	74	84	E 1	S 1	S 1	10●	10●	10≡	**64.1**	●² n-17, n *
14	−3.4	−2.4	−3.8	−3.2	−4.2	583.1	583.7	585.0	75	58	79	N 3	N 3	N 3	10≡	5≡	10≡	8.2	≡ 🌨, ≡° II, n *
15	−5.1	−4.0	**−6.2**	−5.1	−5.9	586.9	588.0	590.0	95	73	97	NE 1	N 2	N 2	10≡	0	0	.	≡ n-$9^1/_2$
16	−4.1	0.0	−2.5	−2.2	−2.9	590.0	590.3	590.8	59	77	58	E 2	SE 1	SE 0	5	10	0	.	
17	−3.8	1.4	−3.0	−1.8	−2.4	593.8	595.7	596.9	62	50	50	N 2	N 2	N 1	10≡	0	0	.	≡ n-$10^1/_2$
18	−2.5	4.8	2.0	1.4	1.0	597.6	597.9	597.9	46	42	47	N 0	SE 0	SE 0	0	3	0	1.5	
19	4.6	8.1	5.8	6.2	5.9	597.6	598.1	598.5	65	57	58	SE 0	SE 0	SE 0	10●	5	0	1.0	● n-$8^1/_4$
20	6.1	8.2	5.1	6.5	6.4	597.7	597.8	597.0	57	52	65	SE 1	SE 1	S 1	5	10	0	.	
21	2.6	3.8	3.6	3.3	3.3	595.5	594.8	592.3	73	70	72	SE 2	SE 2	SE 3	10≡	10≡	10≡	62.1	≡, 🌨 III-n, n ●²
22	3.6	4.1	4.0	3.9	4.1	588.3	587.5	587.4	73	75	69	SE 3	SE 2	SE 0	10●	10●	1	50.0	●² n-18. a 🌨
23	3.2	4.2	3.8	3.7	4.0	587.7	588.1	586.8	65	61	72	SE 1	SE 1	SE 1	10≡	10●	10●	49.1	≡ n-$8^1/_2$, ●² $11^1/_4$-n
24	4.6	4.8	5.2	4.9	5.4	584.9	585.7	588.5	62	75	70	SE 2	S 3	S 2	10●	10●	10≡	34.3	●² n-$19^1/_2$, 🌨 II, ≡ $14^1/_2$-n
25	5.8	6.4	6.2	6.1	6.7	591.1	592.2	592.7	73	75	75	SE 2	SE 2	SE 2	10≡	10≡	10≡	31.2	≡ ●²
26	5.6	5.3	4.8	5.2	6.0	591.5	591.3	592.2	92	70	72	SE 2	SE 2	SE 2	10≡	10●≡	10≡	56.1	≡, ●² $9^1/_4$-$20^3/_4$
27	7.8	4.0	5.0	5.6	6.5	591.1	590.4	590.4	65	73	75	SE 2	SE 3	SE 3	10●≡	10●≡	10●≡	30.1	≡ ●², p n 🌨
28	3.7	5.0	4.0	4.2	5.3	588.8	588.6	590.6	66	60	65	SE 3	SE 3	SE 3	10●≡	10●≡	10●≡	56.3	🌨 ●² ≡
29	2.8	3.0	3.0	2.9	4.1	593.9	595.5	596.4	65	66	54	SE 2	SE 2	SE 2	10●≡	10≡	10≡	5.9	● n-$9^3/_4$, ≡
30	3.4	8.0	3.5	5.0	6.4	596.6	596.6	596.3	60	49	60	SE 0	SE 0	SE 1	0	0	0	.	
31	4.0	9.8	6.0	6.6	8.1	597.1	596.2	596.6	45	34	44	SE 0	SE 1	SE 1	0	0	0	.	
Mittel	2.0	4.3	2.0	2.8	—	591.6	591.7	591.6	64	61	68				7.2	6.5	5.2	Summe 517.4	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$.

Bern.

November 1923.
Tellur. Observatorium.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	6.1	8.9	8.6	7.9	2.7	716.6	715.2	714.9	100	92	100	WSW o	WSW o	W o	10≡	10	10≡	.	⌓ l, ≡ n-11, 19½-n, p ≡°
2	7.1	12.8	9.2	9.7	4.6	712.9	711.9	714.5	100	85	80	S 1	N o	NW 1	10≡	10	10	1.5	⌓ ≡ n-10, ● 17-21
3	6.8	9.9	5.5	7.4	2.5	716.0	715.4	715 7	84	70	94	NE 1	SW o	SW o	8	7	o	.	● 1-4
4	6.2	10.9	8.8	8.6	3.9	713.4	712.1	712.2	91	73	94	S o	WSW 2	W o	9	10	10●	2.7	⌓ l, ⸗ ll, ●° 17-22, ●-1
5	5.9	9.0	3.5	6.1	1.5	712.0	710,8	709.0	93	52	88	SW o	W 1	SW o	10	6	o	1.5	
6	3.8	5 5	4.9	4.7	0.3	706.1	707.9	708.6	93	90	94	SE o	SW 1	W o	8	10●	10	18.6	● 5-6, 9½-19
7	4.4	5.2	2.2	3.9	-0.3	708.6	708.4	709.3	92	90	96	SW o	SW o	SE o	10●	10●	10●	22.4	●² 4½-23, ✳-n
8	0.6	1 7	0.9	1.1	-3.0	708.0	707.2	706.7	100	93	90	S o	NE o	N o	10*	10*	10	2.5	✳ n-ll
9	-2.2	1.2	0.0	-0.3	-4.2	703.9	702.9	702.7	100	78	92	E o	NE o	NE o	10≡	8	10	.	≡ n-10
10	-0.8	1.7	1.8	0.9	-2.9	704.3	705.1	707.8	100	84	92	NE o	NE 1	NE 1	8	8	9	.	
11	2.0	3.2	2.0	2.4	-1.2	710.9	713.4	716.7	93	89	96	E o	E o	NE o	10	10	10	.	
12	0.4	4.2	2.0	2.2	-1.2	717.0	715.7	714.6	100	90	100	S o	SE o	SE o	10≡	10	10≡	.	≡ l-14, 16½-n
13	0.6	7.6	3 8	4.0	0.7	711.5	711.5	709.2	100	86	100	SW o	SW o	S o	10≡	10	1	.	≡ n-10, ≡°-11¼
14	2.2	10.3	7.9	6.8	3.7	705.3	702.4	701.9	100	72	84	SE o	WSW 2	W 1	10	8	10	5.6	p ⸗, ● 20-3
15	1.0	5.8	3.2	3 3	0.3	710.2	709.5	708.3	93	53	73	W 1	SW 1	SW o	10	1	10	6.6	Ψ 18½
16	11.0	11.3	9.8	10 7	7.9	706.6	708.6	713.1	59	73	93	SW 2	W 2	WSW 1	10●	9	10●	11.5	● o-17, 21-n, ⸗ 6-21
17	8.2	12.5	7.7	9.5	6.8	710.9	710.2	712.1	97	66	84	SW o	SW 2	SW 1	10●	10●	10●	13.7	● n-24, ⸗
18	1.9	6.8	1.9	3.5	1.0	711.9	707.2	704.8	81	50	87	W 1	W 1	SW 2	0	o	10	4.2	● 16³/₄-20³/₄, ⸗ 17½-2,
19	0.2	2.6	0.2	1.0	-1.4	705.2	703.5	703.5	81	63	85	SW 1	W 1	SW o	8	10	8	.	✳◡ 12-17 [n ✳°
20	-1.7	2 8	0.0	0.4	-1.8	703.6	703 o	704.0	87	58	94	SE o	WSW 2	SW o	1	6	10	0.6	⸗ ll, ✳° 18³/₄-21
21	-3.0	2.0	-2.5	-1.2	-0.9	705.0	704.7	705.2	85	67	91	S 1	W o	NW o	o	o	o	.	
22	-5.5	0.1	-3.9	-3.1	-5.0	705.5	704.7	705.5	94	66	90	S 1	S. o	N o	8	9	o	.	⌓ l
23	-6.4	-0.4	-1.2	-2.7	-4.5	707.9	708.1	708.0	93	67	81	S o	E 1	NW o	o	o	10	5.3	n (23/24) ✳
24	-1.4	1.7	0.0	0.1	-1.6	710.7	711.9	713.0	100	87	100	SW o	SW o	N o	10	10	10	.	≡◡ l-n
25	-0.1	0.5	0.2	0.2	-1.3	713.6	712.4	709.8	100	96	100	E o	N 1	NE 1	10	10*	10*	15.0	≡°, ✳ 7³/₄-n
26	-0.1	0.9	0.7	0.5	-0.9	707.4	705.5	703.7	100	97	96	N o	W o	NE o	10	10●	10●	11.7	≡°, ● 11½-n
27	1.0	2.1	0.7	1.3	0.1	705.5	705.9	704.8	96	95	100	E o	NE o	N o	10●	10	10≡	4.7	● n-10½, 23-n, ≡°, *)
28	0.2	1.9	2.4	1.5	0.4	699.9	698.6	704.6	100	95	96	NNE 1	SSW o	W o	10≡	10≡	10	13.2	≡ n-14, ● 15-19
29	1.1	2.7	0.8	1.5	0.5	702.9	701.3	705.3	100	97	96	NNE o	N o	W o	10≡	10≡	10≡✳●	9.4	≡, ● 16-18, ● ✳-3½
30	0.2	3.1	1.5	1.6	0.8	708,7	708.8	708.6	100	90	100	SE o	SE o	N o	10	10	10	1.5	≡°, ● 19½-n
Mittel	1.7	5.0	2.7	3.1	—	708.7	708.1	708.6	94	79	92				8.3	8.1	8.3	Summe 152.2	*) 27. ≡ 16-n

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$,
$Hb = 487.3^{m}$, $G = 0.06\ ^{m}/_{m}$.

Neuchâtel.

November 1923.
Observatorium.

1	8.6	9.3	9.2	9.0	1.5	723.4	722.2	721.9	100	98	95	N 1	NE o	NE o	10≡	10≡	10≡	.	≡² l, ≡
2	9.3	10.2	10.0	9.8	2.4	719.9	719.3	721.2	96	97	70	NE o	NE 1	N 3	10	10	10	0.8	≡ 14-p, ●° 15¹/₂-18, ⸗ III
3	7.2	12.7	7.2	9.0	1.8	723.2	722.6	722.7	91	63	68	NE o	SW 1	N 1	9	6	o	.	
4	7.7	11.2	8.4	9.1	2.1	720.4	719.1	719.0	81	74	61	NW 1	W 1	NW 2	7	10	3	0.2	p ●°
5	6.7	9.7	5.5	7.3	0.4	718.9	717.5	716.0	70	57	73	NW 1	W 1	N 1	10	8	6	3.2	n (5/8) ●
6	8.5	6.3	5.6	6 8	0.1	712.4	714.7	715.7	88	95	88	W 1	SW 1	NW 1	8	10●	10	25.6	●², n ●
7	4.7	6.4	3.7	4.9	-1.6	715.7	715.6	716.6	92	77	82	NW 1	NE 1	N 1	10●	10	10●	1.5	● n-14, ●° 19¹/₂-n
8	1.8	3.2	2.2	2.4	-4.0	715.2	714.0	713.6	96	68	85	NE 1	N 1	N 1	10●	9	10	0.3	●° ✳° n-9
9	-0.6	3.4	2.5	1.8	-4.4	710.7	709.5	709.4	89	74	78	N 1	E 1	E 2	8	9	10	.	
10	1.4	2.9	3.4	2.6	-3 4	711.9	712.8	715.5	82	82	81	E 1	E 2	E 2	7	10	10	.	p ⸗
11	3.6	4.4	3.6	3.9	-2.0	719.1	720.6	724.4	87	86	90	NE 1	E 1	NE 1	10	10	10	.	
12	2.6	3.7	2.5	2.9	-2.8	724.2	723.0	721.7	100	97	100	NE 1	NE 1	NE 1	10≡	10≡	10≡	.	≡ 7-lll, ≡²-n
13	3.3	6.8	6.1	5.4	-0.2	719.2	718.9	716.1	100	97	100	NE o	N 1	N o	10≡	10	10≡	0.2	≡² n-13, 18¹/₂-n, ●° 13⁵/₄-16
14	5.7	11.0	6.3	7.7	2.3	712.0	708.4	709.4	100	86	76	NE o	SW 1	W 2	10≡	7	10●	1.1	≡² n-10½, ● 19-n
15	1.8	8.2	6.0	5.3	0.0	717.0	716.8	715.8	79	48	58	NW 1	SW 2	SW 3	3	4	10●	14.7	p n ⸗, ● 21⁵/₄-n
16	9.0	10.6	10.4	10.0	4.9	714.5	716.8	720.3	86	83	73	SW 3	SW 3	W 2	10●	9●	9	8.1	● ⸗ n-17, n ●
17	9.8	10.8	7.3	9.3	4.4	717.7	717.4	720.3	96	83	66	SW 3	SW 2	W 2	10●	10	9	4.7	⸗ ●
18	3.2	8.1	2.5	4.6	-0.2	718.9	714.0	712.5	70	51	83	NW 1	W 2	SW 1	3	4	8	3.3	● 16-19, n ● ✳
19	1.4	0.7	0.6	0.9	-3.7	712.3	710.2	710.6	64	95	96	NW 2	SW 2	NW 1	9	10*	4	0.9	⸗ n-ll, ✳° 9-16½
20	0.6	2.9	1.0	1.5	-2.9	710.3	710.1	711.4	77	75	87	NW 1	SW 2	SW 2	8	10	9	0.7	p ⸗, ✳° 16¹/₂-18
21	-0.4	4.9	-1.7	0.9	-3.4	712.2	712.2	712.7	88	64	91	NW 1	NE 1	N 1	6	3	o	.	
22	-4.4	1.8	-2.4	-1.7	-5.8	712.8	712.0	713.0	95	68	87	N 1	SE 1	N 1	2	7	o	.	≡° ll
23	-4.4	1.8	-0.2	-0.9	-4.9	715.1	715.7	715.4	95	64	78	NE 1	NE 1	N 1	8	3	10	1.5	n (23/24) ✳
24	-0.2	1.9	0.0	0.6	-3.3	718.0	719.1	720.4	96	92	93	NE 1	E 1	N 1	10	10	9	3.1	n (24/25) ✳
25	0.5	1.2	0.6	0.8	-2.9	721.0	719.5	717.3	98	100	100	NE o	N 1	N o	10	10*	10*	36.6	●¹ ✳² 9½-n, ≡° ll
26	0.6	1.3	1.2	1.0	-2.6	714.6	711.9	710.6	100	100	100	NE 1	NE o	NE o	10●	10●	10●	23.5	● ✳ n-8, ●²-n
27	1.7	3.5	2.2	2.5	-0.9	712.9	713.3	711.8	100	98	96	NE o	NE o	NE 1	10	10●	10	6.3	≡° n-ll, ●° 13-n
28	2.0	3.0	3.0	2.7	-0.5	706.6	705.4	711.6	96	95	92	SE 1	NW 1	NW 1	10●	10●	4	12.7	● n-18¹/₂
29	1.6	3.8	3.4	2.9	-0.2	710.5	708.1	712.8	100	97	94	NE 1	NE 1	NW 1	10	10●	10●	13.6	≡° n-ll, ● 13-n
30	1.6	3.3	4.1	3.0	0.1	715.9	715.8	715.7	96	94	93	N 1	NE 1	E 2	10	10	10●	1.1	≡° ll, ● 19¹/₂-n
Mittel	3.2	5.6	3.8	4.2	—	716.0	715.2	715.8	90	82	84				8.6	8.6	8.0	Summe 163.7	

November 1923. Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$, $Hb = 456.3^{m}$, $G = 0.05\,\%_{m}$.

Tag	Lufttemperatur 7h30	13h30	21h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	13h30	21h30	Relative Feuchtigkeit 7h30	13h30	21h30	Windrichtung und Stärke 7h30	13h30	21h30	Bewölkung 7h30	13h30	21h30	Niederschlag	Witterung
1	8.2	9.7	8.2	8.7	1.8	726.5	724.7	724.6	99	89	100	E 0	E 0	E 0	10≡	10	10≡	0.4	≡² ●°, ≡° II
2	7.0	11.0	10.2	9.4	2.6	722.6	721.6	723.5	100	84	97	SE 0	W 0	NW 0	10≡	6	10●	1.4	≡² I, ≡°–II, ● III
3	8.0	10.8	8.5	9.1	2.5	725.5	724.9	725.0	95	65	97	N 0	N 0	NW 0	7	10	10	.	
4	4.1	13.1	6.2	7.8	1.3	722.7	720.9	721.6	97	54	100	SE 0	NW 0	N 0	7	4	10●	1.7	● III–n
5	6.3	9.5	4.5	6.8	0.5	722.3	720.0	718.5	94	47	90	SE 0	W 0	NE 0–1	10●	10	0	.	●° I
6	2.8	9.0	5.6	5.8	−0.4	715.6	716.8	718.8	99	73	100	E 0	NW 2–3	W 0	3	10●	10●	11.2	🌧 II, ● 13¼–n
7	5.3	6.4	4.2	5.3	−0.7	718.4	717.8	719.0	100	86	100	S 0	NW 0	NW 0	10●	10●	10●*	20.5	●², ● ✳ III–n
8	1.3	3.7	3.3	2.8	−3.0	717.2	715.6	715.7	100	60	98	NE 0	NW 0–1	N 0–1	10*	10	10●*	12.7	✳ I, ● ✳° III–n
9	−0.1	4.0	5.8	3.2	−2.5	713.4	712.3	712.0	94	60	40	NE 0	NW 0	SE 1–2	3	2	8	.	
10	3.0	6.4	3.7	4.4	−1.1	714.7	715.2	718.5	85	69	93	W 0	W 0	NW 0	3	6	10	.	
11	3.4	6.6	3.7	4.6	−0.8	722.4	723.1	726.1	95	75	96	NW 0	NW 0	NE 0	10	6	0	.	
12	3.7	6.5	4.1	4.8	−0.4	726.7	724.6	724.3	100	88	100	NW 0	NW 0	W 0	10≡	0	8	.	≡² I, ≡° III
13	4.5	8.8	4.2	5.8	0.7	721.7	721.0	719.1	96	75	99	NE 0	NW 0	NW 0	8	10	0	.	
14	4.3	10.2	6.1	6.9	2.0	715.1	711.2	711.0	100	63	94	SW 0	NW 0	W 0	8	1	10	11.7	n (14/15) 🌧 ●
15	2.9	6.6	2.1	3.9	−0.9	719.5	719.2	727.6	99	55	65	W 0	S 0	SE 0	10●	1	10	6.6	● I, n
16	6.9	11.4	8.3	8.9	4.2	715.6	718.1	723.1	98	72	100	N 0	W 0	S 0	8	10●	10	2.8	●
17	7.6	12.0	7.7	9.1	4.6	720.6	719.2	721.2	100	75	93	E 0	NW 0	W 0	10●	6	10●	4.9	● I, p
18	4.9	7.6	4.8	5.8	1.4	721.4	716.6	713.0	94	54	84	E 0	NW 0	S 0	8	2	10●	2.9	● III, n 🌧
19	2.0	4.6	0.8	2.5	−1.7	714.4	712.3	713.4	40	43	94	W 0	S 0	S 0	10	10	7	.	
20	−0.3	4.2	−1.4	0.8	−3.3	713.3	712.5	713.9	63	36	60	S 0	SW 0	E 0	5	3	0	.	
21	−3.2	4.6	2.1	1.2	−2.8	715.3	714.1	715.0	67	38	33	SE 0	W 0	S 1	0	0	0	.	
22	−2.6	2.1	−0.7	−0.4	−4.2	715.6	714.4	715.4	63	53	62	E 0	NW 0	SW 0	3	2	10	.	
23	−1.2	3.2	−0.4	0.5	−3.2	717.7	717.8	717.7	78	53	68	SW 0	W 0	S 0	10	0	9	.	
24	1.0	3.4	1.5	2.0	−1.5	720.8	721.7	720.0	98	80	100	E 0	NW 0	W 0	10*	10	10●	0.7	a ✳°, ●° III
25	1.4	4.2	3.2	2.9	−0.5	724.1	722.7	720.2	100	84	95	S 0	NW 0	NW 0	10●	10●	10	1.0	● n–II
26	0.9	3.6	3.8	2.8	−0.5	717.3	714.5	712.8	100	94	88	S 0	NW 0	W 0	10	10	10	0.9	p ≡°
27	3.8	6.8	5.0	5.2	2.1	715.7	715.5	714.5	100	76	97	NE 0	NW 0	E 0	10●	7	10	0.6	●° n–I
28	4.0	7.6	5.8	5.8	2.8	708.9	706.7	715.1	99	29	98	NW 0–1	SE 0	W 0–1	10	10	10	13.0	n (28/29) ●
29	4.3	6.0	3.5	4.6	1.8	713.0	710.9	715.1	100	86	98	NW 0	N 0	W 0	10	10	10●	8.2	● 15–n
30	0.8	6.5	3.3	3.5	0.8	719.1	718.5	718.4	100	65	95	SE 0	SE 0	NE 0	2	7	10	0.2	n (30/1) ●°
Mittel	3.2	7.0	4.2	4.8	—	718.6	717.5	718.1	92	66	88				7.8	6.4	8.1	Summe 101.4	

November 1923. *Observatorium*

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$, $Hb = 405.0^{m}$, $G = 0.02\,\%_{m}$.

1	8.8	10.8	10.4	9.9	2.9	731.0	729.7	729.2	100	93	95	SE 0	SE 0	NE 0	10	10≡	10≡	.	≡
2	9.2	12.2	11.1	10.7	3.9	727.5	726.5	729.0	98	87	77	NNW 0	SW 0	NNE 1	10≡	10	10●	0.7	a ≡, p n ●°
3	9.4	11.0	5.6	9.1	2.5	730.4	730.0	730.3	76	71	92	NNE 1	NNE 0	SW 0	10	10	0	.	
4	6.0	12.7	9.7	9.0	2.6	728.9	727.3	726.8	92	72	87	NNW 0	SW 1	SW 1	7	9	3	0.2	p ●°
5	4.6	10.6	6.0	7.7	1.4	726.8	725.5	724.0	93	57	75	SE 0	SW 1	SE 0	2	2	0	0.8	n (5/6) ●°
6	10.0	7.0	5.3	8.0	1.9	720.3	722.8	723.6	72	94	92	SW 1	SW 2	SW 1	9	10●	10●	15.8	🌧 II, ● 10¾–17, 20–n
7	4.8	6.8	3.0	5.1	−0.8	723.0	722.8	724.5	93	80	95	NE 0	NE 0	SE 0	10	10	10●	5.7	● 18–n
8	2.0	4.2	3.0	3.1	−2.7	723.1	721.4	721.0	96	74	83	SE 0	NE 1	SE 0	10●	10	10	.	●° I
9	−1.2	4.2	3.4	2.4	−3.2	718.0	716.1	716.1	90	65	78	SW 0	NNE 1	NNE 1	3	9	10●	0.5	p n ●
10	4.0	4.6	4.3	3.9	−1.5	718.4	718.6	722.5	73	77	83	NNE 1	NE 1	NNE 1	10	10	10	.	
11	5.0	6.0	5.5	5.3	0.1	726.6	727.8	731.3	80	82	85	NNE 1	NE 1	NNE 1	10	10	10	.	
12	4.6	6.0	5.1	5.2	0.1	731.6	730.1	728.8	90	91	97	E 0	E 1	SE 1	10	10	10	.	
13	4.6	9.0	6.5	6.6	1.7	726.5	726.0	723.7	100	86	100	SW 0	E 0	SW 0	10≡	9	10≡	0.1	≡
14	3.8	12.6	6.0	7.9	3.2	719.7	716.6	718.5	98	70	91	SW 0	SW 2	SW 1	7	9	10●	7.1	🌧 II, ● 18–n
15	1.8	9.3	6.4	5.7	1.1	724.7	724.8	725.3	89	52	65	SW 0	SW 1	SW 1	0	1	10●	4.0	● 20–n
16	12.8	12.8	11.4	10.9	6.5	723.6	725.0	728.0	64	73	93	SW 3	SW 3	SW 1	10●	10	10	3.2	🌧 ●
17	11.4	12.6	9.4	11.4	7.1	726.6	726.2	728.5	83	75	62	SW 1	SW 1	SW 1	10●	10●	9●	2.4	●
18	3.3	10.2	3.5	5.5	1.4	727.2	722.2	721.7	71	48	90	SW 1	SW 1	SW 1	0	1	10	2.5	● 15¾–20
19	2.4	4.6	0.5	2.4	−1.6	720.8	718.3	718.3	70	56	86	SW 1	SW 2	SSW 0	10	9	0	.	🌧 II
20	−1.0	5.8	0.8	1.2	−2.6	718.5	718.0	719.4	88	61	92	SW 0	SW 1	SW 0	9	1	10	2.5	⌙ I, ✳ 17¾–20
21	−2.6	2.2	−2.5	−0.9	−4.5	720.0	719.2	720.0	92	66	90	SE 0	NE 0	SSW 0	0	0	0	.	
22	−5.4	1.6	−2.3	−2.1	−5.6	720.2	719.1	720.5	92	72	88	SE 0	NNE 0	SW 0	1	7	0	.	
23	−6.0	1.2	−0.8	−1.9	−5.2	722.6	722.6	723.2	95	78	96	SW 0	NNE 0	SW 0	0	7	10*	10.2	✳ 18¼–n
24	−0.4	2.3	1.5	0.7	−2.5	725.6	726.4	728.0	100	87	93	SW 0	SW 0	SW 0	10	10	10	0.1	
25	1.0	1.4	0.3	0.9	−2.2	728.3	727.0	724.7	96	96	100	SW 0	SW 0	SW 0	10●	10*	10●	43.3	a ●, ✳ 11¾–20, ●²–n
26	0.4	1.7	1.7	1.1	−1.8	721.7	719.3	718.1	100	98	100	SW 0	SW 0	SW 0	10	10●	10●	30.6	●² 10–n
27	3.0	3.5	3.0	3.0	0.2	719.7	720.2	718.9	97	93	99	SW 0	SW 1	SW 0	9	10	10●	9.3	p n ●
28	2.6	3.6	2.7	3.7	1.1	713.6	712.9	719.1	99	98	93	SW 1	SW 0	W 0	10●	10	8	13.7	●
29	2.8	4.2	4.8	3.1	0.6	717.2	716.0	720.8	97	97	95	SW 0	SW 0	SW 0	10	10●	9	18.6	● 12–20, n
30	2.0	4.4	4.5	3.6	1.2	723.0	723.0	722.4	93	90	92	SE 0	SW 0	NNE 1	10	10●	10●	12.2	● 13–n
Mittel	3.5	6.6	4.3	4.7	—	723.5	722.7	723.5	89	78	89				7.6	8.1	7.9	Summe 183.5	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

November 1923
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	7.0	9.0	8.6	8.2	2.3	723.2	722.0	721.5	100	92	100	SE	0	E	0	W	0	10	10	10	0.1	≡°
2	7.7	**12.6**	10.3	10.2	4.5	720.0	718.9	720.9	100	78	90	NE	0	NW	1	NE	1	10≡	7	10●	2.2	≡ n–10, ≡°–II, ● 19–n
3	6.7	10.2	6.8	7.9	2.3	723.0	722.0	721.6	97	71	86	N	0	NW	1	SW	0	8	9	1	.	●° n–4
4	8.6	11.2	7.0	8.9	3.5	719.6	718.1	719.1	77	68	99	W	1	SW	1	NW	1	9	10	10●	3.7	●° $10^{1}/_{2}$–$12^{1}/_{2}$, 15, 18–$18^{1}/_{2}$,
5	6.1	9.4	2.9	6.1	0.9	718.7	717.6	715.6	84	61	93	S	1	SW	1	NE	0	10	9	0	0.2	[● $20^{8}/_{4}$–$1^{1}/_{4}$
6	5.8	6.5	5.3	5.9	0.8	712.8	714.8	715.8	82	87	95	SE	1	W	2	NW	1	7	10●	10	11.2	●° $5^{1}/_{2}$–$6^{1}/_{2}$, ⌿ II, ● $10^{1}/_{2}$–n
7	5.0	6.2	2.0	4.4	−0.5	715.4	715.6	716.4	94	88	97	W	1	NE	0	N	1	10●	10●	10●	**26.0**	● n–12, ●°–17, ●²–1
8	0.6	1.8	1.4	1.3	−3.4	714.8	713.7	713.4	100	90	95	N	1	NE	1	SE	0	10*	10*	10	5.0	✳ 1–$18^{1}/_{2}$, ●° $11^{8}/_{4}$–$13^{1}/_{4}$ ⊠
9	−1.8	4.3	1.0	1.2	−3.4	711.3	709.9	710.1	100	68	91	NE	0	E	1	E	1	3	4	10	.	≡° I
10	0.7	2.6	2.3	1.9	−2.5	712.1	713.3	715.9	91	84	91	NE	1	NE	2	NE	2	4	9	10	.	p ⌿
11	3.0	4.2	2.7	3.3	−1.0	718.7	720.7	723.3	91	87	96	E	0	NE	1	E	0	10	10	10	.	
12	1.6	3.4	2.6	2.5	−1.6	**723.5**	722.4	721.5	100	96	100	NE	0	N	1	SE	1	10	10	10≡	0.2	≡ $7^{8}/_{4}$–11, III–n, ≡° II
13	1.6	8.6	4.4	4.9	1.0	719.0	718.4	715.5	100	76	100	SE	1	S	0	S	0	10≡	9	2	0.1	≡ n–$11^{1}/_{4}$, ≡°–II
14	1.6	10.8	9.2	7.2	3.4	711.9	708.9	708.3	100	70	76	SE	1	S	1	SW	1	10≡	5	10●	2.9	●° n–I, ≡ n–12, ● 21–$23^{1}/_{2}$
15	3.0	8.1	4.4	5.2	1.6	716.4	716.1	714.2	74	45	61	W	1	SW	1	S	1	8	4	10	9.0	●° $1^{1}/_{4}$–3, ⌿ ● $23^{1}/_{2}$–n
16	8.0	11.4	8.4	9.3	5.9	712.7	715.1	720.0	82	72	87	SW	1	W	2	NW	0	10●	10	10	7.8	a ⌿, ● n–$9^{1}/_{2}$, $16^{1}/_{2}$–$19^{3}/_{4}$, *)
17	7.4	12.2	6.0	8.5	5.2	717.7	716.2	719.1	100	72	80	SE	1	SW	1	SW	2	10●	4	10	2.8	● n–$10^{3}/_{4}$, $17^{1}/_{4}$–$18^{3}/_{4}$, *)
18	3.7	8.3	4.0	5.3	2.2	718.4	714.1	710.4	68	**43**	81	W	1	NW	1	W	2	2	1	10●	3.7	● $17^{8}/_{4}$–22, ⌿ III
19	1.4	2.4	0.4	1.4	−1.6	711.6	709.6	710.2	66	70	88	SW	1	W	2	W	1	4	10	4	0.8	✳ 1–5, ⌿ II, ✳° 12–$18^{3}/_{4}$, ⊠
20	0.8	4.2	1.4	2.1	−0.7	710.0	709.6	710.8	79	58	73	NW	1	NW	1	W	1	9	7	8	.	[n ☋
21	−1.1	5.0	−1.9	0.7	−2.0	712.2	712.1	712.4	80	50	86	SE	0	W	0	NE	0	5	1	0	.	n ($^{21}/_{22}$) ☋
22	−5.1	2.6	−1.8	−1.4	−3.9	712.5	711.8	712.6	99	61	85	NW	0	NW	1	W	1	5	4	4	.	⌊² I, a ≡°, ≡ 9–$10^{1}/_{4}$, ☋ III
23	−3.4	3.8	0.0	0.1	−2.3	714.7	715.4	715.3	100	54	79	NW	0	NE	1	NE	1	8	1	10	0.8	⌊² ≡° n–10, ☋ III
24	−0.8	1.8	0.2	0.4	−1.8	717.8	719.0	720.0	97	82	98	NE	0	N	0	N	0	10	10	9	1.3	✳° n–I, ≡° a, III ⊠
25	−0.4	1.4	0.4	0.5	−1.6	720.8	719.9	717.7	100	98	100	N	0	SE	0	NE	1	10*	10*	10*	18.3	✳ n–15, ● $15^{1}/_{4}$–20, *) ⊠
26	−0.1	0.7	0.4	0.3	−1.7	714.8	712.4	710.5	100	96	100	N	1	E	0	NW	0	10*	10	10●	3.2	✳ △ 1–$5^{1}/_{4}$, ✳°–I, *) ⊠
27	1.4	2.8	2.0	2.1	0.3	712.9	713.4	712.0	100	95	99	NE	0	NW	0	NE	1	10●	10	10	2.1	● n–9, a ≡$^{\smile}$, ≡ 9–$9^{1}/_{2}$, *) ⊠
28	1.4	3.4	5.3	3.4	1.7	707.0	**704.6**	711.7	100	95	80	E	1	NW	0	W	1	10	10	10	7.3	● $1^{1}/_{2}$–3, $5^{8}/_{4}$–6, $17^{1}/_{4}$–$20^{1}/_{4}$, *)
29	0.8	4.3	1.0	2.0	0.5	710.3	708.7	711.8	100	89	99	SE	0	SE	0	SE	1	10≡	10	10●*	8.4	☋ n–I, ≡ n–$8^{1}/_{4}$, ≡°–$10^{1}/_{2}$,
30	1.8	6.4	4.2	4.1	2.7	715.8	716.0	716.1	99	75	90	SE	0	E	0	SW	0	4	10	10	.	≡$^{\smile}$ II [● $17^{8}/_{4}$–III, ● ✳–23
Mittel	2.4	6.0	3.4	3.9	—	715.6	715.0	715.5	92	76	90							8.2	7.8	8.3	Summe 117.1	

*) **16.** $22^{3}/_{4}$–n *) **17.** $21^{1}/_{4}$–n, ⌿ 17–n *) **25.** ✳–$22^{1}/_{4}$ *) **26.** p ≡°, ● 21–n *) **27.** ●° $23^{1}/_{2}$–24 *) **28.** ●° $9^{1}/_{2}$–$10^{1}/_{2}$, a ≡°, p ⌿

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

November 1923.
Beobachter: *J. Wiget.*

Tag	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}	Niederschlag	Witterung
1	8.7	**12.2**	8.0	9.6	9.1	**619.0**	618.4	618.5	16	12	**11**	SE	0	S	0	SW	0	3	7	3	.	
2	6.8	7.3	3.5	5.9	5.5	615.9	615.8	615.9	26	54	83	W	0	W	0	W	0	7	5	10	9.2	≡° III, n ●
3	0.0	3.2	3.0	2.1	1.8	616.2	616.2	616.5	97	93	45	W	0	W	0	W	1	5	3	0		≡
4	0.2	1.3	1.3	0.9	0.7	614.4	613.4	613.6	100	98	97	W	3	W	3	W	2	10	10≡	10≡	7.0	⌿ n–II, p ≡², n ✳
5	−3.0	−2.4	−2.0	−2.5	−2.6	612.4	611.9	610.4	99	100	98	NW	1	NW	1	W	1	10	10	0	.	
6	2.2	2.0	−1.8	0.8	0.8	609.7	610.0	609.8	42	95	98	W	1	NW	4	NW	3	5	10*	10*	20.1	p n ✳² ⌿
7	−3.0	−2.1	−4.8	−3.3	−3.1	609.2	609.0	609.1	98	99	100	W	0	NW	0	NW	1	10	10≡	10*	**49.0**	≡² II, p n ✳²
8	−6.0	−7.0	−7.3	−6.8	−6.5	606.9	606.2	606.2	98	99	99	W	1	NW	2	W	1	10≡	10*	10*	25.7	≡² I, p ✳²
9	−8.0	−6.0	−6.0	−6.7	−6.3	603.4	603.4	603.6	99	98	99	SE	1	W	1	SE	3	0	0	3	.	⌿ III–n
10	−2.5	1.0	2.3	0.3	0.8	605.7	607.7	609.9	98	90	34	SE	4	SE	4	SE	3	3	7	7	.	⌿
11	2.0	3.3	4.0	3.1	3.7	612.2	615.3	616.4	29	25	24	SE	3	SE	4	SE	3	7	0	0	.	⌿, ⌿ III
12	5.8	7.5	6.0	6.4	7.1	618.4	618.2	617.8	21	17	21	SE	1	SE	1	SE	0	0	0	0	.	
13	4.3	3.4	2.2	3.3	4.1	614.4	613.9	612.7	27	62	67	SE	2	NW	2	W	0	5	5	0	.	
14	1.2	4.0	1.3	2.2	3.1	607.6	606.2	604.6	45	30	37	S	0	S	0	S	0	3	3	7	31.6	n ($^{14}/_{15}$) ✳²
15	−6.2	−5.4	−5.0	−5.5	−4.5	609.3	610.5	609.3	99	100	98	W	1	W	1	W	3	10≡	0	0	2.2	≡² I, ⌿ III–n, n ● ✳
16	3.8	3.8	3.0	3.5	4.6	608.9	611.3	614.4	42	59	100	W	4	NW	4	NW	2	10	10	10	4.2	⌿ n–II, n ●
17	2.3	3.4	−0.8	1.6	2.9	613.1	612.7	613.1	100	56	99	W	1	NW	2	W	4	10	5	10	13.5	⌿ III, n ✳
18	−5.5	−4.9	−4.0	−4.8	−3.4	611.3	606.1	604.2	98	98	98	W	1	W	1	W	0	5	10	10	5.2	n ($^{18}/_{19}$) ✳
19	−9.6	−8.2	−8.5	−8.8	−7.3	604.6	603.1	603.0	99	99	100	W	2	W	1	W	1	5	10*	10≡	1.6	p ✳, ≡ III
20	−8.7	−7.3	−8.0	−8.0	−6.4	603.1	603.2	603.5	99	98	99	W	1	W	1	W	1	10	3	7	.	
21	−9.7	−6.0	−6.5	−7.4	−5.7	604.6	604.9	605.3	98	98	95	W	0	SW	1	S	2	0	0	0	.	
22	−8.8	−6.4	−10.0	−8.4	−6.6	605.0	605.0	605.0	48	65	80	S	0	S	0	NE	0	0	0	0	.	
23	**−10.3**	−7.2	−6.0	−7.8	−5.9	606.6	607.3	607.8	77	60	18	NE	0	E	1	SE	0	3	0	7	3.6	n ($^{23}/_{24}$) ✳
24	−5.8	−3.4	−4.2	−4.5	−2.5	609.9	**611.1**	612.1	94	95	95	NW	1	W	1	W	1	10	10≡	10≡	3.8	p ≡², n ✳
25	−3.8	−1.4	−3.2	−2.8	−0.7	612.9	613.1	610.4	95	97	95	NW	0	W	0	W	2	10	10	10≡	11.2	≡ III, n ✳
26	−1.0	2.1	2.0	1.0	3.2	609.4	608.3	605.5	97	33	31	SE	2	S	3	S	0	10	10	10	6.0	⌿ II, n ✳
27	−2.0	−0.1	−0.8	−1.0	1.3	606.6	608.1	607.4	97	97	55	W	2	W	0	SE	2	10	10	7	.	
28	3.8	4.2	−2.0	2.0	4.4	602.7	**602.0**	605.2	30	16	100	E	4	SW	4	W	4	10	7	10*≡	8.2	⌿, ✳ ≡ III–n
29	−1.4	0.1	−4.0	−1.8	0.7	605.2	603.5	604.3	100	100	100	N	0	SE	3	SW	2	5	10	10*	15.3	⌿ II, ✳ III–n
30	−4.0	−2.2	−2.8	−3.0	−0.5	609.7	610.0	609.7	100	100	100	W	0	SE	2	SW	2	7	10	10	.	
Mittel	−1.9	−0.4	−1.7	−1.3	—	609.6	609.5	609.5	76	75	76							6.4	6.2	6.4	Summe 217.4	

⊠ Keine Angaben!

November 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1707.6^m$, $G = -0.12$ ‰.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−1.4	12.4	3.7	4.9	5.5	626.4	624.7	624.6	85	46	79	W 0	S 1	SW 0	1	5	1	.	
2	−0.6	11.6	5.1	5.4	6.2	622.6	620.2	621.2	85	46	75	W 0	SW 1	N 0	5	5	10	0.1	≡° III
3	3.2	10.0	3.4	5.5	6.5	621.9	621.4	622.4	90	60	80	S 0	W 0	W 0	9	2	0	.	
4	−2.5	9.2	4.8	3.8	5.0	620.8	618.7	618.6	87	57	72	W 0	SW 1	W 0	4	4	10	.	
5	−2.1	7.8	1.5	2.4	3.8	617.6	616.5	617.6	84	49	76	SW 0	SW 0	W 0	7	1	0	.	
6	3.0	6.1	1.7	3.6	5.2	616.4	665.7	615.4	85	68	92	NW 1	SW 1	SW 0	10●	7	7	10.7	●° ⚹° n-8½, ● 18-III,
7	−0.4	0.8	−1.0	−0.2	1.6	614.0	614.1	613.1	97	94	91	E 0	NE 1	NW 1	10*	9*	10*	19.7	⚹ [⚹ 22½-n
8	−4.0	1.2	−5.4	−2.7	−0.7	611.7	610.7	610.6	89	62	78	S 0	NE 0	NE 0	10*	9	10	1.8	⚹ n-9¾, 14-16½,
9	−10.4	−4.5	−9.7	−8.2	−6.0	610.4	610.6	613.6	78	63	78	SW 0	SW 0	NE 0	1	1	6	0.2	n (9/10) △° [⚹°-III
10	−6.1	−0.4	0.8	−1.9	0.5	615.4	616.8	618.7	82	85	92	W 0	S 0	SW 0	9△	10△	10△	1.3	△
11	0.2	4.0	1.2	1.8	4.3	621.8	623.3	626.3	88	75	91	NE 0	SW 0	SW 0	9△	9	4	.	△° n-9½
12	−1.4	6.0	−0.4	1.4	4.1	**627.0**	625.8	625.5	96	76	94	W 0	SW 0	SW 0	4	6	0	.	
13	−1.7	5.1	2.4	1.9	4.8	622.7	620.5	619.3	95	77	93	NW 0	S 0	SW 0	8	10	5	0.7	●° o-p
14	−1.6	4.4	1.2	1.3	4.4	614.9	612.1	610.9	99	76	89	N 0	S 0	W 0	6	1	9	2.5	n (14/15) ⚹
15	−2.2	−0.7	−9.2	−4.0	−0.7	613.6	615.2	617.4	85	48	65	N 0	SW 0	W 0	10*	1	10	0.2	⚹° n-9
16	−3.8	4.7	−0.2	0.2	3.7	617.4	617.8	621.0	66	58	85	E 0	S 0	SW 0	4	10	2	.	
17	−1.6	5.6	−0.6	1.1	4.8	619.6	618.9	618.3	88	63	84	W 0	S 1	N 0	8	5	6	0.9	△° 22½-n
18	−2.2	1.5	−4.8	−1.8	2.0	616.5	613.8	610.0	86	61	76	NE 0	SW 1	NW 0	1	8△	9	6.2	△ II-n
19	−6.6	−3.2	−11.8	−7.2	−3.2	609.1	**608.7**	609.4	58	48	71	N 0	NW 0	NW 0	10	5	3	.	
20	**−17.2**	−6.0	−14.0	−12.4	−8.2	609.3	608.8	610.7	73	57	67	SW 0	S 0	NW 0	0	1	5	.	♈² 23
21	**−17.2**	−6.0	−12.2	−11.8	−7.4	612.6	612.7	612.9	75	60	73	SW 0	S 0	SW 0	1	9	7	.	☽² II, ♆ III, ♈ 22½
22	**−17.2**	−6.8	−6.7	−10.2	−5.6	611.3	609.0	609.1	75	61	52	S 0	SW 0	W 0	1	5	3	.	♈² 19
23	−9.0	−6.1	−9.7	−8.3	−3.6	611.7	613.9	615.8	69	60	70	N 0	N 0	N 0	1	1	9	2.8	n (23/24) ⚹
24	−6.4	−2.5	−8.7	−5.9	−1.0	616.3	616.6	618.7	93	77	90	E 0	N 0	W 0	9	7	3	.	⚹° 8¾-10
25	−9.6	1.4	−2.6	−3.6	1.5	619.4	618.5	617.7	90	70	100	SE 0	SW 0	N 0	4	7	10*	6.6	⚹ 14½-n
26	1.2	1.2	1.2	1.2	6.5	617.1	615.1	613.6	98	93	99	SW 0	S 0	N 0	10	10*	10●	**24.9**	●° 12-13, ⚹²-20½, ●²-n
27	−0.2	3.7	1.5	1.7	7.1	612.9	613.9	614.9	99	87	96	SE 0	SW 0	S 0	9	9	10	.	
28	0.8	4.1	2.1	2.3	7.9	612.9	612.7	611.2	99	86	99	SE 0	SW 0	SW 0	10	10●	10●	21.1	● 7¾-III, ●²-n
29	−0.5	2.9	0.1	0.8	6.6	613.3	612.2	610.6	97	59	94	SW 0	S 1	S 1	2	10*	10*	19.9	⚹² 13¼-n, △ 17½-19½
30	−9.1	−2.9	−4.8	−5.6	0.4	616.6	616.5	616.9	82	75	88	S 0	S 0	N 0	3	7	7	1.1	n (30/1) ⚹
Mittel	−4.2	2.2	−2.4	−1.5	—	616.4	615.9	616.2	86	67	83				5.9	6.1	6.5	Summe 120.7	

November 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 541\ 8^m$, $G = 0.00$ ‰.

1	6.7	15.7	9.4	10.6	3.8	718.3	716.5	717.0	93	44	100	N 0	N 0	NW 0	2	10	10	.	△ I
2	6.1	13.5	11.5	10.4	3.8	714.8	713.3	715.1	100	64	92	NE 0	W 0	W 0	4	9	10●	0.4	△ I, ●° 20½-III
3	9.0	12.1	9.2	10.1	3.7	716.9	716.9	717.7	82	61	87	SW 0	SW 0	N 0	10	10	10	.	
4	8.4	13.6	9.8	10.6	4.4	716.0	713.3	714.0	97	47	77	NE 0	SW 0-1	NW 0	10	2	3	.	
5	11.8	10.9	5.7	9.5	3.4	713.3	711.9	712.1	80	49	79	SW 0	SW 0-1	NE 0	8	2	0	.	
6	4.8	12.1	5.6	7.5	1.6	709.8	707.7	710.7	88	46	100	NE 0	SW 1-2	NE 0	4	6	10●	8.1	△ I, ● 16½-n
7	6.2	7.0	3.6	5.6	−0.1	710.0	709.0	709.2	97	72	79	N 0	W 0	SW 2-3	10●	10	10	2.1	● n-8, 16-20, ⸝ III
8	2.2	4.6	1.7	2.8	−2.7	708.1	707.3	707.6	82	70	86	SW 1-2	SW 0-1	NW 0	10	10	7	.	
9	1.3	4.8	3.2	3.1	−2.2	706.2	704.9	705.5	94	36	46	NE 0	NE 0-1	NE 0	10	5	9	.	△ I
10	3.2	11.8	8.2	7.7	2.6	706.9	706.7	708.7	55	36	49	NE 0	N 2	NE 0	10	8	2	.	△ I, ⸝ II
11	7.8	13.0	9.8	10.2	5.3	713.4	714.6	718.4	63	48	46	NE 0	N 0	NE 0	10	10	0	.	
12	7.4	**16.0**	11.2	11.5	6.8	**719.2**	717.0	717.5	60	39	48	NE 0	SW 0	NE 0-1	3	2	1	.	
13	5.6	11.9	7.6	8.4	3.8	713.8	712.9	711.6	96	57	81	NW 0	S 0-1	NE 0	8≡	8	2	.	≡ I
14	4.4	12.9	8.1	8.5	4.1	707.8	703.7	703.7	78	39	75	NE 0	SE 0	NE 0	0	3	10●	1.0	△ I, ● III
15	4.0	8.0	5.3	5.8	1.6	710.1	711.2	713.3	78	38	49	SW 0-1	SW 0-1	NE 0	10	1	10	**12.4**	n (15/16) ● ⚹
16	1.8	3.3	3.9	3.0	−1.1	713.4	714.0	716.1	95	97	100	NE 0	NE 0	N 0	10	10●	10●	3.4	● 10-n
17	5.3	11.0	7.5	7.9	4.0	713.6	713.0	713.9	100	93	85	NE 0	NE 0	W 0	8	7	5	3.6	● 15-20½
18	4.2	8.4	3.8	5.5	1.8	713.3	709.8	706.7	70	49	95	NW 0	SW 0	NE 0	2	2	10●	3.2	● 19-n, n ⚹
19	−0.4	4.7	−0.8	1.2	−2.3	707.7	705.6	706.0	76	40	75	NE 0	NE 0	NE 0	2	10	0	.	⚹° 14½-15
20	−3.5	2.0	−1.0	−0.8	−4.1	706.8	705.6	707.2	74	41	65	NE 0	NE 0-1	NE 0	0	2	4	.	⌴ I
21	−3.4	2.6	−1.0	−0.6	−3.8	708.8	707.6	708.5	66	**32**	44	NE 0	NE 0	NE 0	0	0	0	.	⌴ I
22	−3.5	2.1	−2.0	−1.1	−4.1	708.1	705.8	707.3	64	34	46	NE 0	SW 0	NE 0	7	5	0	.	⌴ I
23	**−6.0**	1.0	−2.0	−2.3	−5.1	710.8	710.6	711.0	81	41	46	NE 0	NE 0	NE 0	0	5	10	1.1	⌴ I, n ⚹
24	−0.8	3.1	1.2	1.2	−1.4	713.4	713.3	715.1	100	73	99	NE 0	NE 0	NW 0	10*	10	10	0.2	⚹° n-9½
25	1.8	2.7	1.9	2.1	−0.4	715.3	713.7	711.8	100	94	100	NW 0	NW 0	NE 0	10	10●	10	6.5	⚹ 8-10, ●-17¼, n
26	1.4	5.5	5.6	4.2	1.9	709.7	707.2	705.9	100	83	94	NE 0	NW 0	NE 0	10≡	10≡	19●	11.3	≡°-≡ n-II, ● 20-n
27	4.9	7.7	4.3	5.6	3.5	707.4	707.6	706.8	100	84	100	NE 0	SW 0	NE 0	10≡	9≡	10≡	.	≡°-≡
28	7.5	12.2	6.4	8.7	6.7	702.6	**701.1**	706.9	69	57	89	NE 0	NW 0	W 0	10≡	10≡	10●	11.3	≡ n-II, ⸝ 17-19, ● 16-n
29	2.3	6.4	3.4	4.0	2.2	705.1	703.9	707.0	100	89	98	NE 0	SW 0	SW 0	4≡	10	10●	2.9	a ≡, ≡° II, ● 17-n
30	1.0	5.2	3.8	3.3	1.7	711.6	709.9	709.3	100	83	85	NE 0	NW 0	NE 0	7	10	10	.	⌴ I, ≡° II
Mittel	3.4	8.2	4.8	5.5	—	711.1	709.8	710.7	85	58	77				6.6	6.9	6.8	Summe 67.5	

$\lambda = 8^{\circ}\,57'$, $\beta = 46^{\circ}\,0'$.
$Hb = 276.2^{m}$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

November 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	8.6	**16.4**	9.8	11.6	3.0	742.7	740.9	740.6	85	51	80	N o	SE o	N o	1	2	4	.	
2	8.4	15.8	12.2	12.1	3.7	738.7	736.6	737.5	81	56	82	W o	S o	N o	4	2	0	.	
3	11.4	15.6	9.2	12.1	3.8	738.9	738.8	739.0	85	61	82	N o	SW o	N o	4	7	0	.	
4	7.4	14.8	9.4	10.5	2.4	737.5	735.2	734.5	86	54	88	N o	SE o	N o	2	0	0	.	
5	7.2	14.6	11.0	10.9	3.0	734.3	733.6	734.7	74	56	84	N o	SE o	N o	2	3	4	13.0	n ($^{5}/_{6}$) ●
6	10.6	11.8	10.4	10.9	3.1	735.0	734.2	731.8	86	76	88	SE o	SW o	N o	10≡●	10●	10●	4.7	≡ l, ●
7	11.0	10.2	7.2	9.5	1.9	730.8	730.9	729.0	80	81	88	E o	SW o	N o	10	10●	10●	28.0	●^{2}, n ●
8	6.0	6.8	3.4	5.4	−2.0	728.4	728.3	728.8	58	48	62	N o	N o	N o	10	10	10●	1.0	● III
9	1.6	8.8	5.4	5.3	−2.0	728.7	729.2	733.1	66	38	58	N o	SE o	N o	0	10	10	.	
10	5.2	5.2	6.4	5.6	−1.5	734.6	736.6	739.0	61	83	86	N o	N o	N o	10	10●	10●	12.4	●
11	7.2	9.2	8.4	8.3	1.3	741.6	743.2	745.1	87	82	84	N o	W o	N o	10	10	10●	2.0	● III
12	8.0	13.4	10.8	10.7	3.9	**745.6**	744.1	744.1	84	61	87	N o	W o	N o	6	4	10	1.5	n ($^{12}/_{13}$) ●
13	9.4	10.8	10.0	10.1	3.4	740.5	739.1	736.4	87	83	86	W o	N o	E o	10●	10●	10≡●	8.2	●, ≡ III, n ●
14	9.6	11.6	9.9	10.4	3.9	732.9	729.4	728.1	86	74	88	W o	W o	E o	10●	10●	10≡●	4.4	●, ≡ III, n ●
15	11.6	12.2	5.2	9.7	3.3	728.0	730.8	734.2	30	28	34	N 2	N 1	N 1	9●	0	0	.	⛈ ● n–l
16	3.2	12.0	5.2	6.8	0.6	736.5	736.0	738.2	62	34	70	W o	E o	N o	0	1	4	.	
17	2.8	9.8	6.4	6.3	0.3	739.9	738.7	737.2	80	58	80	N o	SSE o	N o	0	4	10	.	
18	3.2	10.8	6.8	6.9	1.0	734.6	731.1	727.3	88	60	80	NNW o	S o	S o	0	0	0	1.0	n ($^{18}/_{19}$) ●
19	6.6	9.2	1.6	5.8	0.1	726.2	726.6	727.4	28	**27**	30	N 1	NNW 1	N o	0	0	0	.	
20	−1.2	7.2	0.0	2.0	−3.6	727.8	727.4	730.9	28	30	60	N o	SSE o	N o	0	0	0	.	
21	−1.2	4.8	1.0	1.5	−3.9	733.4	733.2	732.5	70	67	70	N o	NW o	N o	1	7	8	.	
22	**−1.4**	6.4	0.8	1.9	−3.4	729.1	**726.1**	727.2	71	71	70	N o	S o	SE o	0	0	8	.	
23	4.0	8.2	4.5	5.6	0.5	729.3	732.5	735.7	34	36	57	E o	SE o	N o	0	0	10	.	
24	3.8	7.4	0.8	4.0	−1.0	736.8	736.4	737.9	81	67	77	N o	E o	N o	10	1	2	.	
25	0.0	5.2	4.0	3.1	−1.8	739.9	739.0	738.3	83	61	87	N o	NE o	NNW o	0	10	10●	4.8	● 14–17, n
26	4.4	5.6	5.6	5.2	0.4	736.8	735.0	732.8	89	84	87	W o	N o	N o	10●	10●	10	22.8	●, ≡° III, n ●
27	6.0	9.0	7.6	7.5	2.9	731.4	731.6	732.4	87	66	90	W o	NE o	NW o	10	10	10	10.4	≡° III, n ●
28	7.8	8.4	8.2	8.1	3.6	730.8	730.4	729.5	88	89	90	W o	W o	W o	10●	10●	10●≡	**48.8**	●^{2} ≡°, ≡^{2} III, n ●
29	8.8	11.4	9.0	9.7	5.4	730.6	728.5	729.2	86	67	72	N o	NE o	NW o	10	10	10	4.2	p ●, ⛈ 17
30	4.2	8.8	6.0	6.3	2.1	735.1	734.5	735.6	83	66	89	W o	E o	N o	5	10	10●	12.8	● 17½–a
Mittel	5.8	10.1	6.5	7.5	—	734.6	733.9	734.3	73	61	76				5.1	5.4	6.7	Summe 189.0	

$\lambda = 7^{\circ}\,35'$, $\beta = 47^{\circ}\,33'$.
$Hb = 277.2^{m}$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

November 1923.
Bernoullianum.

1	9.0	12.8	9.0	10.3	3.9	741.4	739.8	739.6	95	82	92	E 1	S 1	S 1	10	7	0	.	
2	8.6	**13.8**	8.4	10.3	4.1	738.0	737.2	741.0	94	80	92	S 1	S 1	S 1	10≡	10	10●	5.2	≡ l, ● 16^{1}/$_{4}$–22
3	7.4	10.4	6.4	8.1	2.0	**742.3**	741.0	740.6	94	65	88	NW 1	S 1	S 1	10≡	2	10≡	.	≡ l, III–n
4	8.8	13.0	8.2	10.0	4.1	737.6	736.7	738.0	89	69	81	E o	S 1	SW 1	10≡	7	0	.	≡ l, ●° 15^{1}/$_{2}$–17
5	5.6	10.0	4.4	6.7	1.6	737.3	735.9	733.6	88	55	84	SE 1	W 1	SE 1	9	9	0	2.7	
6	8.2	7.8	6.4	7.5	1.9	730.8	732.3	733.7	89	91	91	W 1	S 1	S 1	10●	10	10	12.4	● 1^{1}/$_{4}$–3^{3}/$_{4}$, 6^{3}/$_{4}$–17
7	5.6	7.0	5.4	6.0	0.6	734.0	734.2	735.3	94	85	85	S 1	S 1	S 0	10●	10●	10●	7.2	● 2^{3}/$_{4}$–9^{1}/$_{2}$, 11^{3}/$_{4}$–14, III–n
8	3.0	2.4	2.6	2.7	−2.6	734.3	733.1	732.5	90	93	86	NW 1	W 1	NW 1	10●	10●	10	3.5	● n–8^{3}/$_{4}$, ● ✳–10, ✳–10^{1}/$_{2}$,
9	0.0	4.6	2.2	2.3	−2.8	729.5	728.1	728.4	97	71	91	SE 1	E 1	E 1	8	7	10	.	⌴ ≡° l [●–14
10	1.2	4.0	1.6	2.3	−2.7	731.6	732.4	735.2	96	81	96	NW 1	NW 1	W 1	10	10	10	.	
11	2.0	4.4	5.2	3.9	−1.0	738.3	739.8	742.0	93	87	81	N 1	NW 1	E 1	10	10	10	.	
12	3.0	9.6	4.8	5.8	1.1	741.9	739.7	738.5	90	66	84	E 1	SE 1	SE 1	4	1	0	.	⌴ l
13	2.0	9.8	6.8	6.2	1.6	736.9	736.0	733.5	100	74	91	SE 2	SE 1	SE 1	10≡	7	0	.	≡ n–8
14	4.0	11.8	7.5	7.8	3.4	729.1	725.5	726.9	97	70	86	SE 2	E 2	W 2	6	7	10	1.5	≡° l, ⛈, ● 19^{1}/$_{2}$–22^{1}/$_{4}$
15	3.6	8.4	5.0	5.7	1.3	735.1	734.8	732.0	87	48	70	SW 1	S 1	SE 1	10	8	10●	6.4	● 0^{3}/$_{4}$–1, 21^{1}/$_{4}$–n
16	12.2	10.4	9.0	10.5	6.4	729.4	733.9	738.6	72	93	79	SW 3	W 1	S 1	10●	10●	10	12.2	● ⛈ n–8^{3}/$_{4}$, ● 11^{1}/$_{2}$–15^{3}/$_{4}$
17	7.8	11.1	6.6	8.5	4.5	735.5	734.0	732.4	94	85	80	SE 1	W 2	SW 2	10●	10	10	4.1	● 3^{3}/$_{4}$–9^{1}/$_{4}$, 15^{3}/$_{4}$–16^{1}/$_{2}$, *)
18	3.0	9.4	3.3	5.2	1.4	737.3	731.5	729.0	86	**45**	88	SW o	S 1	SW 3	3	5	10	4.0	● 1^{3}/$_{4}$, 17–24, ⛈ III
19	2.0	3.4	2.2	2.5	−1.2	729.9	728.1	728.7	75	80	72	SW 1	SW 1	SW 1	10	10	5	0.5	✳° 11^{1}/$_{4}$–11^{1}/$_{2}$, ●–12
20	2.2	5.2	3.0	3.5	0.0	728.4	727.8	729.4	83	67	73	S o	W o	W 1	10	8	7	.	
21	0.2	6.0	0.0	2.1	−1.3	730.5	730.1	730.9	89	46	85	SE 1	W 1	SE 1	5	4	0	.	≡° l
22	−3.0	1.8	−2.0	−1.1	−4.3	731.5	730.7	731.7	89	68	88	SE 1	S 1	S 1	3	5	0	.	⌴ l
23	**−4.6**	2.2	−1.0	−1.1	−4.2	733.9	734.0	734.5	100	75	96	SE 1	E 1	W 1	10≡	2	10	0.1	≡ ⌴ n–9, n ✳°
24	−1.4	−0.6	−1.6	−1.2	−4.2	737.2	738.2	739.7	96	96	100	NW 1	NW 1	NW 1	10≡	10≡	10≡	.	≡
25	−2.0	−1.4	−2.2	−1.9	−4.7	740.5	739.4	737.1	96	96	96	NW 1	NW 1	NW 1	10≡	10*	10*	18.5	≡ l, ✳ 13–n ⛈
26	−2.0	−0.8	0.4	−0.8	−3.5	734.2	731.1	728.8	100	96	96	W o	NW o	NW o	10*	10●	10●	**23.5**	✳ n–8, ●^{2} 12–24^{1}/$_{4}$ ⛈
27	0.8	0.8	0.2	0.6	−1.9	731.3	732.4	731.0	96	96	96	NW o	W 1	NW o	10	10	10≡●	11.0	●° 9^{1}/$_{2}$, p ≡°, ≡ 17–n, *) ⛈
28	0.4	4.2	3.0	2.5	0.1	725.2	**721.7**	729.5	100	81	95	N o	SE 2	S 1	10●≡	10	5	17.5	≡ l, ● n–10^{3}/$_{4}$, 14^{1}/$_{2}$–18 ⛈
29	2.6	5.0	3.0	3.5	1.2	728.4	726.5	729.8	93	83	97	SE 1	SE 1	SE 1	10	10	10	11.3	≡° ll, ● 15–19^{1}/$_{2}$ ⛈
30	2.6	6.0	3.1	3.9	1.7	734.2	734.6	735.5	96	88	95	SE 1	SE 1	NW 1	10	10	10	0.6	p ≡°, n ●°
Mittel	3.1	6.4	3.7	4.4	—	734.2	733.3	733.9	92	77	88				8.9	8.0	7.2	Summe 142.2	

*) **17.** 20^{1}/$_{2}$–20^{3}/$_{4}$, p ⛈ *) **27.** ● 20^{3}/$_{4}$–n

November 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$.
$H_b = 2500.1^{m}$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	4.8	8.0	3.5	5.4	8.6	**567.8**	567.3	566.6	34	**30**	50	SE 1	ENE 1	WSW 3	3	5	2	.	
2	1.8	3.6	0.1	1.8	5.1	564.2	563.3	563.6	53	80	100	SE 1	SW 1	SSW 3	6	10≡	10≡●	6.4	≡ ll, ● ≡ $21^{1}/_{4}$-n, n ✶
3	−1.8	1.7	−1.2	−0.4	3.1	563.7	563.7	563.8	100	79	32	SW 1	SW 3	WSW 4	5	3	2	.	p n 🌧
4	−2.0	−1.8	−3.5	−2.4	1.2	561.3	560.6	560.6	100	100	100	WSW 4	WSW 3	SW 2	10≡	10≡	10≡*	13.5	🌧 ≡ l, p n ≡, △ 17,
5	−6.0	−5.1	−5.2	−5.4	−1.7	558.9	558.3	557.7	100	100	100	SW 2	SW 1	SW 1	10≡	10≡	0	.	≡ n−14 [✶-n
6	−4.0	−2.8	−6.7	−4.5	−0.6	556.5	556.7	556.7	88	100	100	SSW 2	WSW 2	WSW 2	4	10≡*	10≡*	15.2	✶ ≡ ll-n
7	−6.8	−5.6	−9.4	−7.3	−3.3	555.7	555.9	555.1	100	100	100	WSW 1	WSW 0	NNW 1	10≡*	10≡*	10≡*	12.4	✶ ≡ ✢
8	−11.4	−10.4	−11.2	−11.0	−6.9	553.0	552.3	551.7	100	100	100	NNE 1	N 0	N 0	10≡*	10≡*	10≡*	9.7	✶ ≡
9	−13.2	−11.0	−10.0	−11.4	−7.1	550.3	550.1	552.1	100	80	50	NNW 0	SW 1	SSW 1	2	3	1	.	
10	−6.0	−3.6	−3.0	−4.2	0.2	554.9	556.7	558.9	100	98	90	SE 3	SE 2	SE 3	7	9	10	.	a 🌧
11	−2.5	−1.0	0.0	−1.2	3.3	561.3	563.3	566.0	75	61	59	SSW 3	SSW 3	SW 2	7	3	0	.	🌧 n-ll
12	0.8	1.0	0.3	0.7	5.3	566.9	566.6	565.4	60	52	60	S 2	E 1	SW 3	2	2	0	.	🌧 lll-n
13	0.1	0.0	−2.8	−0.9	3.9	562.8	561.6	559.6	68	85	95	SSW 3	SSW 2	SSW 3	4	7	0	.	🌧 a, lll-n, ≡ 15
14	−3.2	−0.7	−4.1	−2.7	2.2	555.4	553.6	552.2	80	69	100	SSW 3	SSW 2	SSW 1	3	5	10≡	27.4	🌧 l, ≡ 21-n, n ✶²
15	−11.4	−10.7	−7.5	−9.9	−4.9	555.0	555.3	555.4	100	97	90	NNW 1	W 1	W 5	10≡*	4	10≡	12.2	✶ ≡ n-l, 🌧 lll-n, n ✶
16	−2.1	−1.0	−2.6	−1.9	3.2	555.4	558.6	561.9	100	98	100	WSW 5	WSW 3	WSW 2	10≡*	10≡●	10≡	11.4	a 🌧, ≡ ✶ △ ●
17	−1.8	−1.2	−5.9	−3.0	2.2	560.5	559.8	558.6	100	100	100	WSW 2	SW 2	WSW 3	10≡*	10≡*	10≡*	**52.4**	✶² ≡
18	−10.1	−9.2	−9.8	−9.7	−4.3	557.1	554.6	550.4	100	94	100	SW 2	WSW 2	WSW 2	10≡	3	10≡*	9.5	≡ l, ✶ ≡ 20-n
19	−15.0	−13.0	−13.7	−13.9	−8.4	549.3	**548.5**	548.7	100	100	100	WSW 3	SW 2	SW 2	10≡*	10≡*	10≡*	14.5	✶ ≡
20	−14.0	−12.5	−14.6	−13.7	−8.1	548.8	548.8	549.7	100	98	100	WSW 1	SW 2	SW 2	10≡*	10≡	6	.	✶° ≡ n-ll
21	**−15.5**	−12.4	−14.4	−14.1	−8.4	550.8	551.4	552.0	100	98	100	SSW 1	SSW 1	SW 1	3	3	3	.	
22	−14.4	−13.8	−15.2	−14.5	−8.7	551.4	550.8	550.6	65	52	62	NE 3	ENE 2	NE 3	6	5	10	0.2	☋ $18^{1}/_{2}$
23	−15.1	−13.4	−12.0	−13.5	−7.6	552.1	553.4	554.8	72	80	52	NE 3	SE 1	SSW 2	6	10≡	10	2.8	≡ ll, n ✶
24	−10.8	−8.0	−9.0	−9.3	−3.2	555.6	557.0	558.4	90	95	100	SSW 3	SW 2	SW 3	10≡*	10≡*	10≡*	7.0	✶ ≡
25	−8.3	−4.8	−4.8	−6.0	0.2	559.1	559.3	557.5	100	95	95	SW 2	SW 1	SSW 2	10≡*	10≡*	10	7.9	✶ ≡, ≡° lll-n
26	−3.9	−2.4	−3.2	−3.2	3.1	557.2	555.3	553.5	96	96	100	S 1	SSW 4	SSW 4	10	10	10	5.0	≡° l, 🌧, 🌧 $16^{1}/_{2}$, ✶ lll-n
27	−4.2	−3.4	−3.5	−3.7	2.7	554.2	555.2	555.4	96	100	95	SW 2	SW 1	SSW 2	10≡*	10≡	10	1.0	✶ n-$11^{1}/_{2}$, ≡ n-ll
28	−1.0	0.6	−6.0	−2.3	4.2	553.7	551.7	552.4	97	56	100	S 4	S 5	WSW 5	10	10	10≡*	2.1	🌧, ✶ ≡ $18^{1}/_{2}$-n
29	−5.1	−3.8	−8.3	−5.7	0.9	553.0	552.0	552.3	100	80	100	SSW 2	SW 3	WSW 2	3	6	10≡*	9.2	✶ ≡ $16^{1}/_{2}$-n
30	−8.9	−6.6	−7.5	−7.7	−1.0	556.3	557.0	556.8	95	95	92	SSW 1	SSW 1	SSW 2	7	6	10	0.1	✶° ≡ $18^{1}/_{2}$-19
																		Summe	
Mittel	−6.4	−4.8	−6.4	−5.9	—	556.7	556.6	556.6	89	86	87				7.3	7.5	7.5	219.9	

November 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$H_b = 2102.9^{m}$, $G = -0.14\,^{m}/_{m}$.

1	3.8	**8.4**	5.0	5.7	7.4	596.8	596.2	595.3	50	45	56	NE 0	S 1	S 1	0	10	7	.	
2	3.2	5.8	1.8	3.6	5.4	597.7	597.8	**598.0**	55	52	75	SE 0	SE 1	NE 1	3	6	7	.	
3	1.0	4.8	1.4	2.4	4.4	597.7	597.3	583.2	80	54	75	NE 2	NE 0	NE 1	7	0	0	.	
4	1.0	4.8	1.0	2.3	4.4	592.1	590.9	589.5	55	48	77	NE 0	SE 0	NE 1	0	2	10≡	.	≡ $16^{3}/_{4}$-n
5	−1.4	−2.6	−1.0	−1.7	0.6	589.2	587.7	587.5	72	72	74	NE 0	NE 1	SE 3	10≡	6	3	.	≡ n-$11^{1}/_{4}$, 🌧 lll
6	−1.0	−1.0	−3.0	−1.7	0.7	586.7	586.7	585.6	95	78	70	SE 2	SE 1	NE 2	10≡	10*≡	10*≡	36.5	≡, ✶² $9^{1}/_{4}$-n
7	−4.8	−5.0	−6.0	−5.3	−2.7	585.3	584.2	584.6	75	80	82	NE 4	NE 4	NE 3	10*≡	10*≡	10*≡	**47.0**	✶² ≡ 🌧
8	−8.0	−8.0	−9.2	−8.4	−5.7	587.6	584.1	581.6	70	65	75	NE 4	NE 4	NE 4	10*≡	10*≡	10≡	11.2	✶ ≡ 🌧
9	−12.2	−6.8	−8.8	−9.3	−6.4	580.5	580.2	582.6	76	68	67	NE 0	SE 1	SE 4	0	2	10≡	.	🌧 lll, ≡ $21^{1}/_{4}$-n
10	−6.0	−3.2	−2.0	−3.7	−0.7	585.8	586.0	588.2	69	70	72	SE 0	SE 2	SE 4	10≡	10*≡	10*≡	37.1	≡, ✶² 9-n, ✢ 🌧 lll
11	−2.0	−1.0	−1.0	−1.3	1.8	591.2	593.4	596.4	75	75	75	SE 2	SE 3	SE 3	10*≡	10*≡	10*≡	8.0	✶ ≡ 🌧 ✢²
12	−1.0	2.8	2.0	1.3	4.6	596.6	596.3	595.5	75	69	60	SE 2	SE 1	SE 2	10≡	10≡	10≡	.	≡
13	−1.0	1.0	−1.0	0.3	3.7	592.9	590.7	588.8	69	70	70	SE 2	SE 2	SE 2	10≡	10*	10*	16.0	≡ n-10, ✶-n
14	−1.8	−1.0	−3.0	−1.9	1.7	585.6	582.8	581.2	73	65	65	SE 1	SE 1	SE 2	10*≡	10*≡	10*≡	15.0	✶ ≡
15	−7.4	−8.2	−5.2	−6.9	−3.2	583.4	584.2	585.5	75	60	31	NE 4	NE 4	NE 4	10≡	0	0	.	≡ n-8, 🌧
16	−4.8	1.0	−1.4	−1.7	2.1	586.0	588.9	591.0	58	60	51	SE 2	SE 1	NE 1	7	10*	0	.	✶ $10^{1}/_{4}$-14
17	−1.6	1.0	−2.2	−0.9	3.1	591.5	589.9	588.8	75	66	72	NE 0	SE 2	SE 2	7	10≡	0	8.0	p ≡
18	−5.0	−4.8	−8.8	−6.2	−2.1	587.1	584.4	580.7	70	39	70	NE 2	NE 0	NE 3	10*≡	0	10*≡	13.2	✶ ≡ n-9, ✶ 🌧 ✢² $19^{1}/_{2}$-n
19	−11.0	−8.8	−11.6	−10.5	−6.2	579.7	**578.5**	578.8	45	54	50	NE 4	NE 1	NE 1	7	10−	0	6.4	🌧 n-l, ≡ ll
20	**−12.8**	−10.6	−11.8	−11.7	−7.3	578.6	578.6	579.5	45	45	46	NE 1	NE 0	NE 1	0	0	0	.	
21	**−12.8**	−8.8	−11.8	−11.1	−6.6	582.0	583.0	582.0	58	58	54	SE 1	SE 2	SE 1	0	10*≡	0	6.0	✶ ≡ $10^{1}/_{4}$-$16^{1}/_{2}$
22	−11.2	−9.8	−12.4	−11.1	−6.5	581.2	579.5	579.9	32	**30**	77	NE 2	NE 2	NE 4	0	0	10≡	.	≡ 🌧 $20^{1}/_{2}$-n
23	−12.6	−10.2	−9.8	−10.9	−6.1	582.1	583.1	584.7	65	48	60	NE 4	NE 0	SE 1	10	0	0	.	🌧 n-l
24	−10.2	−4.8	−7.0	−7.3	−2.4	586.0	586.5	587.9	60	53	63	SE 0	SE 1	NE 1	1	0	0	.	
25	−6.2	−2.2	−4.8	−4.4	0.6	588.7	589.1	587.6	65	56	72	NE 0	SE 1	SE 2	10	10	10*≡	5.8	≡ 16-n, ✶ ✢ $21^{1}/_{4}$-n
26	−2.4	−2.2	−3.8	−2.8	2.3	587.1	585.5	583.6	74	68	65	SE 2	SE 1	SE 2	10≡	10*≡	10*≡	33.7	≡, ✶² $13^{1}/_{4}$-n
27	−2.2	−0.2	−1.8	−1.4	3.8	583.4	584.4	584.6	70	64	75	SE 1	SE 1	SE 1	10≡	10≡	10≡	11.6	≡, p ✢, n ✶
28	−1.8	−1.0	−4.0	−2.3	3.1	583.0	583.1	582.7	68	66	68	SE 2	SE 4	SE 1	10*≡	10*≡	10*≡	42.4	✶² ≡ 🌧 ✢²
29	−1.8	−2.0	−4.8	−2.9	2.6	553.5	581.2	581.9	65	60	60	SE 4	SE 4	NE 1	10*≡	10*≡	10*≡	35.0	✶² ≡ 🌧
30	−6.0	−4.0	−5.0	−5.0	0.6	584.8	586.2	586.1	60	55	60	SE 0	SE 1	SE 2	10	10≡	10*≡	8.3	≡, ✶ ✢ lll
																		Summe	
Mittel	−4.6	−2.6	−4.3	−3.8	—	587.1	586.7	586.4	66	60	65				7.1	6.9	6.6	341.2	

$\lambda = 7^{\circ}\,26'$ $\beta = 46^{\circ}\,57'$,
$Hb = 572.2^{m}$. $G = 0.05\,{}^{m}/_{m}$.

Bern.

Dezember 1923.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	1.4	1.3	0.3	1.0	0.3	709.0	708.9	710.1	93	93	95	NE 1	NE 1	N 1	10●	10	10	0.1	● l–$7^{3}/_{4}$, ≡°
2	−0.2	1.5	0.8	0.7	0.1	708.5	706.3	704.1	95	84	93	N 0	WNW 0	S 0	10	10	10	1.7	a ≡°
3	0.7	3.3	0.4	1.5	1.1	703.7	704.2	705 5	95	77	92	SE 0	SW 1	SW 0	10●	9	5	0.5	● $4^{1}/_{2}$–$5^{1}/_{2}$, ●° 7–14, ≡° *)
4	−1.0	2.1	0.1	0.4	0.1	708.0	707.5	704.5	95	75	95	S 0	SW 0	SW 0	5	6	10	3.1	✳° 20–21
5	2.0	2.5	1.8	2.1	1.9	702 0	702.7	702.4	95	95	100	SE 0	S 0	NE 0	10●	10	10≡	8.5	● $5^{1}/_{2}$–$9^{1}/_{4}$, ✳°–10, ● *)
6	−1.2	1 0	0 0	−0.1	−0.1	703.4	703.9	707.0	100	96	95	E 0	NE 1	NNE 0	10≡	10	9	.	≡ n–$11^{1}/_{2}$, ≡°–II
7	0.6	1.8	0.4	0.9	1.0	708.3	708.8	709.9	96	92	96	NE 0	NE 1	SW 1	10	10	10	.	≡° n–20
8	−2.4	1 9	0.0	−0.2	0.0	709.7	708.8	708.0	93	74	87	SE 0	E 0	S 0	3	8	10	.	⏢ I
9	0.7	2.5	1.8	1.7	2.0	706.0	706.8	707.4	91	76	94	SE 1	SW 0	N 0	10●*	10	10	0.1	●° ✳° II–14
10	3.9	4.5	2.2	3.5	4.0	711.8	713.9	717.0	81	65	75	NE 1	NE 1	NNE 2	10	8	10	.	🌧 14–22
11	0.4	0.9	0.0	0.4	1.0	718.4	718.8	719.3	94	89	92	N 0	NE 1	N 0	10	10	10	.	
12	−0.4	−0.2	−0.7	−0.4	0.3	718.3	717.9	717.3	92	89	93	N 0	N 0	E 0	10	10	10	.	
13	−1.4	−1.2	−1.7	−1.4	−0.6	718.1	718.1	719 9	97	93	90	SW 0	SW 0	NE 1	10	10	10	.	≡° I
14	−1.5	−0.6	−1.0	−1.0	−0.1	**721.0**	**721.0**	720.9	80	82	75	E 1	NE 1	E 0	10	10	10	.	
15	−1.2	−0.3	−0.5	−0.7	0.3	718.9	717.9	717.8	79	87	97	SE 1	SW 1	S 1	10	10*	10	1.5	✳ $12^{3}/_{4}$–15, 19–$20^{1}/_{2}$
16	−0.6	1.2	0.5	0.4	1.5	718.7	719.0	720.8	98	77	88	S 0	S 0	S 0	10	1	10	0.2	≡ $8^{1}/_{4}$–11, n ●°
17	1.1	3.5	2.4	2.3	3.5	720.7	719.6	719.6	88	91	87	S 0	SE 1	NE 1	10	5	3	0.4	✳° $8^{1}/_{2}$–9, ●°–$9^{1}/_{4}$
18	1.1	6.0	3.8	3.6	4.9	719.0	718.2	717.6	96	66	83	SW 1	SW 1	W 0	10	8	10	0.2	●° $17^{1}/_{2}$–18, 20, n, 🌧 18–20
19	3.6	2.9	0.0	2.2	3.5	714.7	713.2	710.2	90	66	95	W 1	W 1	W 1	10	10*	10*	0.3	✳° 9–n
20	−4.0	−3.1	−5.1	−4.1	−2.7	709.2	709.6	713.3	82	93	93	SE 1	SW 0	SE 0	9	10*	1	2.4	✳ $8^{1}/_{2}$–16
21	−4.8	−3.1	−4.4	−4.1	−2.6	711.6	709.7	709.4	94	90	90	SW 0	W 2	SW 0	10	10	8	1.9	✳° 9–18, 🌧 II, n ✳
22	−4.3	−2.8	−2.2	−3.1	−1.6	708.4	708.0	704.5	97	89	100	WSW 1	SW 1	SW 0	10*	10*	10*	17.1	✳ I–1, 🌧 23–n
23	2.2	3.4	0.6	2.1	3.7	703.8	701.4	707.9	96	86	77	SW 2	WSW 3	SW 1	10●	10●	10	8.3	🌧 ● 1–18, n ✳
24	0.0	1.4	2.7	1.4	3.0	711.2	709.9	704.1	91	75	91	SW 2	SW 2	W 3	10*	10*	10●	**21.4**	✳ n–20, ●°–$5^{1}/_{2}$, 🌧
25	0.1	−1.0	−4.8	−1.9	−0.2	710.0	713.8	714.6	86	**48**	84	NE 0	NE 1	S 0	10	5	8	.	
26	−1.4	4.3	4.1	2.3	4.0	707.0	703.4	705.8	89	86	92	WSW 0	W 2	SW 2	10	10●	10●	17.7	✳ $7^{3}/_{4}$–$10^{1}/_{4}$, 🌧 ●–n
27	3.1	**6.3**	4.5	4.6	0.4	704 3	703.7	709.0	95	96	92	SW 1	W 1	SW 1	10●	10●	10	8.0	🌧 n–$6^{1}/_{2}$, $16^{1}/_{2}$–$4^{1}/_{2}$, ● n–II
28	3.4	6.2	3.5	4.4	6.2	603.9	**699.3**	701.6	97	91	84	WNW 0	SW 2	NW 2	10●	10●	10●	19.8	● $5^{1}/_{2}$–$10^{1}/_{2}$, $12^{1}/_{2}$–$23^{3}/_{4}$, *)
29	−1.8	−0.8	−1.9	−1.5	0.4	715.1	717.6	719.2	70	62	83	NE 1	S 0	SW 0	10	10*	10*	1.4	✳° $12^{1}/_{2}$–14, ✳ III–n
30	−2.2	−0.8	−2.0	−1.7	0 2	716.7	712.2	709.2	89	76	97	SW 1	W 1	SW 0	10*	10*	10*	10.0	✳, ≡° 18–n
31	−6.6	−7.2	**−8 6**	−7.5	5.6	713.7	716.8	719.1	90	79	85	NE 1	NW 1	N 0	10	0	10	.	
																		Summe	
Mittel	−0.4	1.2	−0.1	0.2	—	711.4	711.0	711.5	91	82	90				9.6	8.7	9.2	124.6	

*) 3. I–10, ⊹ ✳° $15^{1}/_{2}$–$15^{3}/_{4}$ *) 5. ✳–$11^{1}/_{2}$, ≡ 18–n *) 28. 🌧 11–I

$\lambda = 6^{\circ}\,57'$, $\beta = 47^{\circ}\,0'$.
$Hb = 487.3^{m}$. $G = 0.06\,{}^{m}/_{m}$.

Neuchâtel.

Dezember 1923.
Observatorium.

1	3.5	2.9	2.1	2.8	0.0	716.1	716.5	717.6	83	85	88	E 2	E 2	E 1	10	10	10	.	🌧 n–II
2	1.2	3.0	3 0	2.4	−0.3	715.6	713.3	710.6	91	87	82	NE 1	NE 1	N 1	10	10	10	1.2	
3	3.4	4.1	2.1	3.2	0.7	710.2	711.5	713.0	93	74	78	W 1	W 1	NW 1	10●	10	10*	.	● n–8, ✳° III
4	−0.3	3.8	2.3	1.9	−0.5	715.1	714.5	711.0	91	74	95	NW 1	SW 1	SW 2	4	4	10●	6.2	p ✳°, ● 19–n
5	4.9	4.9	3.1	4.3	2.0	708.1	709.3	709.5	95	92	99	W 1	E 1	E 1	10●	9	10	6.9	● n–10, ●° 16–n
6	1.2	1.9	1.8	1.6	−0.5	710.5	711.3	714 3	100	98	93	W 0	E 1	E 1	10≡	10≡	10	.	≡² I, ≡–II
7	2.2	3.1	2.2	2.5	0.5	715.6	716.1	717.1	84	87	89	E 1	E 1	N 1	10	10	10	.	
8	−0.7	2.9	1.4	1.2	−0.7	717.0	716.0	715.0	92	78	87	NE 0	E 1	E 0	9	7	10	0.2	≡° II, ●° 20–III
9	1.5	2.9	2.8	2.4	0.6	713.3	713.6	714.9	91	95	100	E 1	W 1	NE 1	10	10●	10	5.3	● $10^{3}/_{4}$–n
10	4.0	4.6	2.8	3.8	2.1	718.9	721.3	724.7	90	84	83	NE 1	NE 1	NE 1	10	10	10	.	
11	1.5	1.6	0.8	1.3	−0.2	725.8	726.1	726.8	84	83	85	NE 1	NE 1	NE 1	10	10	10	.	
12	0.2	0.7	0.0	0.3	−1.1	725.9	725.3	725.2	89	87	93	N 0	E 1	NE 1	10	10	10	.	
13	−0.6	−0.5	−0.5	−0.5	−1.8	725.4	725.4	727.5	92	96	85	NE 1	NE 1	NE 1	10	10	10	.	≡° II
14	−0.9	0.4	−0.4	−0.3	−1.5	728.5	728.4	**728.7**	87	75	78	NE 1	NE 1	NE 1	10	10	10	.	
15	−0.1	0.9	1.0	0.6	−0.6	726.3	724.9	725.0	80	61	89	N 1	NW 1	NW 1	10	10	10	0.3	✳° $10^{1}/_{2}$–III
16	−0.8	3.6	2.2	1.7	0.6	725.9	726.4	728.0	85	68	65	NE 0	E 1	NW 0	3	5	10	.	≡° II
17	3.0	6.8	2.4	4.1	3.1	728.0	726.7	727.1	72	67	84	W 1	W 1	N 1	10	4	5	.	●° n–$8^{1}/_{2}$
18	1.7	6.3	4.8	4.3	3.4	726.4	725.6	725.0	96	71	84	NE 1	W 2	W 2	10	8	9	0.6	p 🌧, n ●°
19	3.7	2.1	0.2	2.0	1.2	722.1	720.5	717.2	75	88	86	NW 2	NW 1	NW 2	10	10*	10*	2.5	✳ $10^{1}/_{2}$–22
20	−2.4	−2.3	−3.2	−2.6	−3.4	716.3	717.0	721.0	68	85	71	NW 1	NW 1	NW 1	4	10*	4	2.8	✳° 11–15, n ✳
21	−2.9	−3.0	−2.5	−2.8	−3.5	718.8	716.8	716.1	83	75	62	NW 1	NW 2	NW 3	10*	10*	6	7.1	✳, p n 🌧, n ✳
22	−3.1	−2.2	−0.8	−2.0	−2.6	715.7	715.2	711.3	77	84	96	NW 1	W 2	W 3	10	10	10*	23.9	a ✳°, ⊹, p ✳² 🌧, n ✳
23	2.4	2.9	1.8	2.4	1.8	710.6	707.8	715.5	94	95	68	SW 3	SW 3	W 2	10●	10●	8	14.8	● n–18, 🌧, p ✳° [●²
24	0.2	0.7	1.5	0.8	0.3	718.8	717.0	711.7	96	96	98	W 2	SW 3	SW 3	10*	10*	10●	26.3	🌧, ✳ n–I, 12–20, ●²–n
25	0.6	1.6	−4.1	−0.6	−1.1	717.5	721.2	722.0	88	**42**	64	NE 1	NE 1	NE 0	9	2	4	1.4	
26	0.0	3.0	4.0	2.3	1.9	714.5	710.3	714.1	100	95	95	W 3	W 3	W 2	10*	10●	10●	**27.5**	✳ $6^{1}/_{2}$–$10^{1}/_{2}$, ●²–n, 🌧
27	2.9	**8.0**	4.8	5.2	4.8	711.5	711.1	716.5	92	80	78	SW 3	W 2	W 1	10●	7●	10	8.3	🌧 n–II, ●, n ●
28	4.9	5.4	1.4	3.9	3.6	710.6	**706.0**	711.3	88	90	85	SW 3	SW 3	W 3	10	10●	10*	22.7	🌧 ●², ✳° 21–22, n ✳
29	−1.0	0.6	−0 8	0.4	0.1	722.7	725.1	726.5	62	48	85	N 1	NE 1	NW 1	8	8	10*	2.5	✳ $16^{1}/_{2}$–n
30	−1.5	−1.3	−0.8	−1.2	−1.4	724.1	720.4	716 6	94	91	100	NW 1	SW 2	NW 1	10*	10≡	10*	14.8	✳, n ✳
31	−5.2	−4.0	**−7.6**	−5.6	−5.8	721.2	724.3	726.8	81	56	78	NE 1	E 1	NE 1	8	2	10	.	
																		Summe	
Mittel	0.8	2.1	0.9	1.3	—	718.6	718.2	719.0	87	80	85				9.2	8.6	9.2	175.3	

Dezember 1923.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$,
$Hb = 456.3^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.2	4.3	2.9	3.1	1.2	718.6	718.3	719.5	98	83	93	SE o	NW o	W o	10●	10	10●	2.8	a ●, ≡° II, ●° III
2	1.9	4.1	−0.4	1.9	−0.6	718.2	715.5	713.5	100	68	95	E o	SW o	E o	10	7	0	.	
3	1.6	2.2	1.1	1.6	−0.7	713.0	714.2	715.9	90	95	100	NE o	SE o	SE o	10	10●*	5	3.7	● ✶ II
4	1.1	4.4	1.6	2.4	0.2	717.6	717.2	713.9	100	56	30	SE o	SE o	E o	10	0	10	.	
5	6.4	7.0	2.2	5.2	3.1	711.6	712.2	712.7	38	56	85	S 1–2	NW o	NE o	10	10	0	.	
6	−1.6	3.8	2.0	1.4	−0.6	713.2	714.0	717.5	92	75	77	SE o	NW o	E o	3	0	10	.	
7	2.4	4.5	−1.0	2.0	0.2	718.7	718.5	720.1	58	45	78	SE o	NW o-1	E o	10	1	0	.	
8	−1.9	3.6	−0.5	0.4	−1.3	719.8	718.3	716.0	83	65	69	SE o	NW o	E o	7	8	10	.	
9	8.9	8.4	4.8	7.4	5.8	714.7	715.6	717.2	40	46	77	E 1	NW o	NW o	8	9	10	.	
10	2.1	4.6	3.5	3.4	1.9	721.5	723.9	728.2	95	74	81	W o	W o	W o	10	10	10	.	
11	2.4	3.0	2.4	2.6	1.2	728.5	728.7	729.3	95	82	82	NW o	NW o	NW o	10	10	10	.	≡° n-p
12	1.9	3.1	2.0	2.3	1.0	728.4	726.8	727.8	85	77	84	SE o	NW o	W o	10	10	10	.	≡°
13	1.5	2.4	1.6	1.8	0.6	728.0	727.9	729.8	90	83	87	E o	SE o	NW o	10≡	10≡	10≡	.	≡
14	0.4	1.4	0.9	0.9	−0.2	731.4	731.1	730.9	94	74	70	NW o	SW o	NW o	10≡	10●≡	10≡	.	≡, ●° II
15	0.5	1.8	0.0	0.8	−0.2	729 2	727.5	727.8	68	65	100	NW o	SE o	SE o	10≡	10*	10*	1.6	≡ I, p ✶
16	1.5	2.5	1.6	1.9	1.0	728.4	728.5	731.1	90	78	85	NW o	NW o	NW o	10	10	10	2.4	n (16/17) ●
17	0.7	2.1	2.5	1.8	1.0	730.4	729.7	729.9	100	100	100	E o	NW o	W o	10●	10●	10●	2.4	●
18	3.9	5.3	2.0	3.7	3.0	729.0	727.7	727.3	100	67	92	SE o	NE o	SE o	10	6	10	.	
19	4.4	0.6	0.8	1.9	1.3	722.5	722.3	718.6	75	100	89	NW o	NW o-1	NW o	10	10*	10	6.7	✶ 12–n
20	−1.1	−1.1	−1.3	−1.2	−1.8	718.3	719.2	722.6	48	54	52	NE o-1	NE o	NE o-1	10	10	10	1.8	n (20/21) ✶
21	−2.4	−1.3	−2.5	−2.1	−2.6	719.9	717.1	718.4	63	58	64	NW 1-2	NW 2	N 2	10	10*	10*	0.5	p ✶° ⸗, ⸗ III
22	−2.1	0.2	−2.7	−1.5	−1.9	717.2	716.7	713.4	53	40	98	N 2	NW 1-2	N o	10	10	10*	16.1	⸗ n–I, ✶ III, n ● ✶
23	3.8	4.4	3.2	3.8	3.4	710.8	707.2	716.4	83	83	38	SE 1	SW o-1	SW 2–3	10●	10●	10	21.1	●², ⸗ III, n ✶
24	3.0	2.0	0.5	1.8	1.5	719.4	719.1	713.1	38	65	100	N 1	S o	NW o	10*	10*	10*	23.8	✶²
25	0.6	0.1	−1.1	−0.1	−0.4	719.4	723.6	724.4	78	57	88	N 2–3	NW o-1	NE o	10●*	8	7	2.7	● ✶ ⸗ n-I
26	−1.8	1.5	6.1	1.9	1.7	716.3	711.8	713.7	98	100	58	SW o	W o	SE o	10*	10●	10	26.7	✶² n–II, ●²-p
27	2.2	0.9	3.0	2.0	1.8	713.8	713.3	718.0	100	100	95	SE o-1	SE o	W o	10●	10●*	10●	23.9	●², ● ✶ II
28	3.6	5.7	3.2	4.2	4.0	713.2	707.3	709.4	95	86	100	E o	NW o	NW o	10●	10●	10●	30.5	●², n ✶
29	−1.2	−0.1	−1.2	−0.8	−0.9	724.8	727.4	728.2	58	86	79	NE 1-2	W o	NE o	10	10	10	.	
30	0.1	1.0	−1.0	0.0	−0.1	725.5	721.1	719.4	54	98	98	N o	NW o	NW o	10*	10*	10*	15.7	✶ I-n
31	−2.6	2.2	−4.2	−1.5	−1.6	724.6	727.1	729.1	90	83	74	N o	NW o	NE o	10*	10	10	0.3	✶° I
																		Summe	
Mittel	1.4	2.7	1.0	1.7	—	720 8	720.3	721.1	79	74	81				9.6	8.7	8.8	182.7	

Dezember 1923.
Observatorium

Genf.

$\lambda = 6^{\circ}\,9'$. $\beta = 46^{\circ}\,12'$,
$Hb = 405.0^{m}$, $G = 0.02\,{}^{m}/_{m}$

1	4.3	4.2	3.5	4.1	1.9	723.1	723.6	724.8	86	86	84	NNE 1	NNE 1	NNE 1	10	10	10	.	
2	2.6	4.8	2.8	3.3	1.2	723.1	721.0	718.0	90	74	87	SW o	W o	W 1	10	9	10	2.5	n (2/3) ●
3	4.0	6.4	2.6	4.0	2.0	718.6	719.5	721.4	83	65	85	SW 1	SW 1	SW o	10	3	9	.	
4	0.7	6.0	1.1	2.5	0.6	722.8	722.3	718.8	94	65	96	SW o	SW o	SW 1	9	1	10●	5.0	● ✶ 17½–19½, ●–n
5	7.6	8.8	3.8	6.2	4 4	716.0	716.0	716.5	70	73	87	SW 2	SW 1	SW o	10	9	0	0.3	⸗ I, ●°
6	2.8	5.6	3.4	3 5	1.9	717.3	717.9	721.4	97	75	83	NE o	NNE 1	NNE 1	10≡	2	10	.	a ≡
7	3.6	4.4	3.2	3.7	2.2	723.0	723.7	724.6	78	67	76	NNE 1	E o	E o	10	9	10	.	
8	−0.5	4.8	4.4	2.3	0.9	724.6	723.3	722.1	92	60	65	NNE o	SW o	SE o	1	2	10●	0.3	a ⌴, ◐ 10, p n ●ᶜ
9	2.0	3.3	2.3	2.6	1.3	720.4	720.7	721.6	85	78	99	S o	SW o	SW o	10	10●	10●	12.7	● 10-n
10	5.2	7.2	5.0	5.3	4.1	725.7	728.0	731.5	84	70	77	NNE 1	NNE 1	NNE 1	10	5	10	.	
11	3.5	4.0	3.0	3.8	2.7	733.1	733.3	733.8	88	77	81	NNE 1	NNE 1	NNE 1	10	10	10	.	
12	2.4	2.4	1.6	2.3	1.3	733.1	732.7	732.6	82	82	83	NNE 1	NNE 1	NNE 1	10	10	10	.	
13	0.8	1.0	0.5	1.2	0.3	732.9	732.9	734.7	92	91	94	SE o	NNE o	SW o	10	10≡	10≡	0.1	p ≡
14	1.0	1.7	1.3	1.1	0.3	735.3	735.7	735.9	75	71	74	NNE 2	NNE 2	NNE 1	10	9	10	.	⸗ n–II
15	0.4	1.6	1.2	1.0	0.2	734.2	733.1	732.2	74	74	80	S o	S o	SSW o	10	10	10	.	
16	0.8	4.7	1.4	2.3	1.6	733.0	733.6	735.8	96	60	78	NNE 2	NNE 1	SW o	8	1	2	.	⸗ I
17	1.3	7.4	1.6	3.2	2.6	736.0	734.5	734.5	81	61	90	SSW o	SSW o	NNE o	9	1	0	.	
18	0.0	5.3	3.9	2.7	2.2	734.1	733.8	733.2	97	84	90	S o	SE o	SE o	10≡	9	9	.	a ⌴ ≡
19	3.8	5.4	1.9	3.6	3.2	730.4	728.5	725.8	88	63	75	NW o	W 1	NW 1	10	10	10	0.5	p n ✶°
20	−0.6	−0.4	−1.2	−1.1	−1.5	724.5	725.1	728.1	70	73	50	NW 1	SW 1	NNW 1	5	10	9	0.5	p n ✶°
21	−3.8	−1.0	−2.7	−2.2	−2.5	727.7	726.5	725.2	65	73	92	SE o	NW 1	SW o	9	8	10	0.6	✶°, n ✶°
22	−3.0	−1.5	−1.2	−2.0	−2.2	724.3	724.3	720.8	82	56	88	SW o	SW o	SE 1	10	10*	10●	22.8	✶ 12–21, ●-n
23	3.2	4.6	3.5	3.6	3.5	720.4	718.7	723.1	91	88	61	SW 1	SW 2	NNW 1	10●	10●	6	10.8	● I–17½, ⸗ II, n ✶
24	2.0	3.4	4.5	2.9	2.8	728.5	726.4	722.2	80	70	78	SSW 1	SSW 2	SW 2	10	10	10	25.0	●² 14–21, n, p ⸗
25	1.6	3.6	−1.4	2.2	2.1	724.5	728.3	729 9	96	73	80	SW 1	NNE 1	SW o	9	8	o	0.2	n (25/26) ●°
26	3.0	6.8	5.4	3.4	3.4	724.0	721.0	723.7	83	81	92	SW 2	SW 2	SW 1	10●	10●	10●	22.8	⸗ n–II, ●²
27	4.5	7.4	6.4	6.5	6.5	720.0	720.1	725.1	93	94	82	SW 1	SE 1	SW 1	10	10●	10●	12.8	●² n–15, 19–22, n
28	5.7	7.4	3.5	6.6	6.7	720.0	715.5	721.7	90	90	76	NE 1	SW 2	NW 1	10	10●	10●	20.5	●², ◠ 10½, ⸗ II
29	0.8	1.6	−0.2	0.7	0.8	730.0	732.3	734.5	60	68	73	NNE 2	NNE 2	SW 1	10	3	2	.	⸗ n–II
30	−1.6	0.0	−1.0	−1.1	−0.9	733.3	729.5	723.6	80	72	90	NE o	SSW 1	NW o	10	10*	10*	8.4	✶ 14-n
31	−1.6	−1.4	−5.2	−2.2	−2 o	728.3	731.7	734.0	80	72	80	NNE 1	NNE 1	SE 1	3	o	2	.	
																		Summe	
Mittel	1.8	3.9	1.9	2.5	—	726.5	726.3	726.8	84	74	81				9.1	7.4	8.0	145.8	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{30}, 13^{30} u. 21^{30}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$.
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$.

Zürich.

Dezember 1923.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	2.6	2.0	1.4	2.0	0.8	716.3	716.4	717.3	89	71	95	NE	1	NE	1	NE	1	10	10	10	0.5	p n ●°
2	0.2	3.4	0.0	1.2	0.1	715.2	713.1	710.6	95	76	98	NW	0	NW	0	NE	1	10	9	2	0.7	●° 9–10
3	2.0	3.8	2.1	2.6	1.6	710.3	711.1	712.7	96	81	77	SE	0	SW	1	SE	1	10	10	9	0.9	●° $2^{1}/_{4}$–3, 6-$6^{1}/_{2}$, $9^{1}/_{2}$-$11^{1}/_{2}$, *)
4	−0.9	5.6	0.8	1.8	1.0	714.7	714.3	711.1	99	56	91	NE	0	SW	1	NE	0	2	2	10	2.0	☋ n–l, ✶ ☂ $20^{1}/_{2}$–21, ● *)
5	3.5	4.4	2.2	3.4	2.7	708.8	709.9	709.5	91	91	100	SW	1	SE	0	NE	1	10	10	10	9.1	✶° ●° 2–6, ● l–$12^{1}/_{2}$, *) ✳
6	−1.4	0.8	1.8	0.4	−0.2	710.3	711.6	714.3	100	100	95	E	0	E	0	E	0	10≡	10	10	0.1	≡ n–9, ≡°–II
7	1.4	3.0	−0.6	1.3	0.8	715.6	716.0	716.9	94	86	100	NE	0	NE	1	NE	1	10	10	10	.	●° n–$7^{3}/_{4}$
8	−0.4	4.6	0.4	1.5	1.2	716.3	715.5	714.8	90	64	96	SE	0	W	0	W	0	7	3	10≡	.	≡ III–n
9	1.4	5.3	3.0	3.2	3.0	712.7	713.2	714.5	88	68	87	NW	1	S	0	W	1	10	9	10	.	●° $6^{1}/_{4}$–$6^{1}/_{2}$
10	0.4	2.6	0.9	1.3	1.2	718.6	721.3	724.4	95	76	83	E	0	E	1	NE	1	3	9	10	.	
11	0.6	1.1	0.4	0.7	0.7	725.5	725.9	726.5	85	81	83	NE	1	E	1	E	1	10	10	10	.	
12	0.0	0.4	−0.6	−0.1	0.0	725.3	724.9	724.7	90	89	93	NE	0	E	0	NE	0	10	10	10	.	
13	−1.0	−0.9	−1.6	−1.2	−1.0	724.8	725.2	726.9	96	95	96	N	0	N	0	NW	0	10	10	10	0.3	n ($^{13}/_{14}$) ●°
14	−1.4	−0.6	−0.7	−0.9	−0.6	**728.3**	728.3	727.9	95	86	87	NW	0	N	0	E	0	10	10	10	.	☋ ▬ l, p ●°
15	−0.6	0.3	0.2	0.0	0.4	725.7	724.3	724.3	82	85	96	SW	0	SW	0	SW	0	10	10*	10*	2.6	✶ $9^{1}/_{2}$–n ✳
16	−0.6	3.2	1.4	1.3	1.8	725.4	725.5	727.1	99	71	75	N	0	W	0	SW	0	10	3	10	0.7	☋ l, ≡° n–$8^{1}/_{2}$ ✳
17	2.8	5.2	3.4	3.8	4.4	726.5	726.2	726.0	80	74	85	W	2	W	1	S	1	10	8	5	.	●° 2–3, ☂ l ✳
18	3.6	6.0	5.2	4.9	5.6	725.0	724.2	723.3	92	73	77	SE	0	W	1	SW	2	9	10	8	1.0	●° 16, $18^{1}/_{4}$–19, ☂ III–n
19	3.4	3.2	0.0	2.2	2.9	720.8	719.5	715.8	89	68	100	NW	1	W	1	NW	1	10	10	10*	9.1	● $5^{1}/_{2}$–l, ●° $9^{3}/_{4}$, ✶ $19^{1}/_{2}$–n ✳
20	−3.4	−1.8	−6.0	−3.7	−2.9	715.6	716.3	719.7	83	79	89	W	0	SW	0	NE	0	10	10*	4	1.5	✶ n–4, $11^{1}/_{2}$-$18^{3}/_{4}$, ♉ III ✳
21	−4.2	−1.8	−4.8	−3.6	−2.7	717.5	715.0	715.9	84	79	91	W	0	SW	1	NW	0	10	10	8	2.0	✶ 8, 11–17, ● $13^{3}/_{4}$–14 ✳
22	−4.4	−2.0	−1.2	−2.5	−1.6	714.5	714.4	709.8	85	80	82	W	0	SW	1	SW	1	8	10*	10*	3.6	✶ $1^{1}/_{2}$–$2^{1}/_{2}$, $4^{3}/_{4}$, II–24 ✳
23	3.4	4.8	0.7	3.0	4.0	708.5	704.8	713.4	81	82	75	SW	3	SW	3	W	1	10●	10	9	5.4	☂ n–II, ● 0–$0^{1}/_{2}$, $5^{1}/_{2}$–12, *) ✳
24	0.6	1.2	2.0	1.3	2.3	716.8	715.7	709.2	71	81	87	SW	2	SW	2	W	3	9	10*	10●	17.5	☂, ● 1-$4^{1}/_{2}$, ✶ 9-$9^{3}/_{4}$, *) ✳
25	−1.9	0.6	−4.2	−1.8	−0.7	717.1	721.0	721.6	70	**38**	79	SE	0	NE	1	NE	0	2	1	9	0.6	● ☂, 0–3. ●° $4^{1}/_{2}$–$4^{3}/_{4}$ ✳
26	−0.4	4.4	4.0	2.7	3.8	713.1	708.0	712.0	84	84	89	SW	2	SW	3	SW	1	10*	10●	10●	**31.1**	✶° 6–8, ✶-$9^{3}/_{4}$, ● *) ✳
27	3.2	1.6	0.0	1.6	2.8	710.9	710.9	715.5	96	100	100	W	1	NW	0	N	0	10●	10●	10	18.9	● 0–$9^{3}/_{4}$, ✶° $11^{1}/_{2}$, ● *) ✳
28	3.6	**7.5**	4.4	5.2	6.4	709.5	**704.5**	707.2	89	78	86	SW	2	W	1	SW	1	10●	10●	10●	18.7	☂ n–$19^{1}/_{2}$, ● 5–l, *) ✳
29	−1.8	−0.6	−1.8	−1.4	−0.2	722.2	724.1	725.0	80	72	90	NE	0	SW	1	W	1	10	10	10*	4.2	✶° $11^{3}/_{4}$-12, $15^{1}/_{2}$-$16^{1}/_{4}$, *) ✳
30	−2.1	−0.8	−1.8	−1.6	−0.3	722.7	719.7	717.0	95	87	99	SW	1	SW	2	E	0	10	10*	10*	6.8	✶ $1^{3}/_{4}$–22, ☂ II ✳
31	**−10.6**	−7.8	−8.0	−8.8	−7.5	722.2	724.4	726.0	87	84	89	NE	1	NW	0	S	0	7	10	10	.	≡° n–10 ✳
Mittel	−0.1	1.9	0.1	0.6	—	718.0	717.6	718.1	89	78	89							8.9	8.8	9.2	Summe 147.3	

*) **3.** $14^{1}/_{2}$–$15^{3}/_{4}$, ✶° $11^{1}/_{4}$–$11^{1}/_{2}$ *) **4.** ✶ 22–$22^{1}/_{2}$ *) **5.** 18–$18^{3}/_{4}$, ● ✶ $10^{1}/_{4}$–$10^{3}/_{4}$ *) **23.** ✶ ● 14–16, $19^{1}/_{2}$–21 *) **24.** $10^{3}/_{4}$-24, △ 10 *) **26.** ✶-11, ●^{3}-$20^{3}/_{4}$, ☂ *) **27.** ✶-12, ●-14, ✶-$17^{1}/_{2}$, $20^{1}/_{4}$-$22^{1}/_{2}$, ≡ $14^{1}/_{4}$, 17, ≡°-n *) **28.** $9^{1}/_{2}$-$10^{1}/_{2}$, $12^{1}/_{2}$-$23^{3}/_{4}$ *) **29.** $20^{1}/_{2}$-$22^{1}/_{4}$, ✶-$0^{1}/_{2}$

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$.
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

Dezember 1923.
Beobachter: *J. Wiget.*

1	−4.2	−2.0	−5.6	−3.9	−1.3	609.2	609.2	609.5	100	100	100	E	0	E	0	E	0	10	10≡	10	.	≡^{2} II ✳
2	−6.4	−5.0	−4.0	−5.1	−2.4	606.9	607.2	604.7	100	100	100	W	0	W	0	W	2	10	0	3	3.1	n ($^{2}/_{3}$) ✶ ✳
3	−4.5	−6.3	−7.5	−6.1	−3.3	604.3	604.4	605.3	100	100	100	W	1	W	3	W	3	10≡	10	10	5.0	≡ l, p ✶ ☂, ≡° III ✳
4	−8.0	−6.3	−5.5	−6.6	−3.7	607.1	607.6	605.1	100	100	100	W	0	SW	0	W	3	10	5	5	7.6	☂ III, n ✶ ✳
5	−3.5	−3.0	−4.4	−3.6	−0.6	603.3	604.8	604.2	98	98	98	S	1	S	0	S	2	10	10	10	.	✳
6	−3.3	−2.4	−4.8	−3.5	−0.4	604.6	605.0	606.3	98	99	99	E	2	NE	3	NE	3	3	0	0	.	p ☂ ✳
7	−6.4	−4.2	−6.5	−5.7	−2.6	608.1	609.0	608.6	98	99	98	E	1	E	0	E	0	10≡	10≡	10	.	≡ n–II ✳
8	−2.6	0.4	−0.4	−0.9	2.3	609.6	610.3	609.7	95	25	23	W	0	SW	0	SW	0	3	7	0	.	✳
9	0.0	1.2	−1.4	−0.1	3.2	608.0	607.9	607.8	33	40	65	S	2	S	0	SE	1	7	7	10	.	✳
10	−2.0	−1.1	−3.0	−2.0	1.4	611.7	613.1	614.5	70	64	78	SE	0	E	2	E	2	5	5	3	.	✳
11	−0.8	0.3	−0.2	−0.2	3.3	616.3	617.0	617.5	48	46	45	SE	2	SE	2	SE	1	0	0	0	.	✳
12	1.2	**4.4**	3.0	2.9	6.4	617.5	617.5	617.5	35	28	26	SE	0	S	0	S	0	0	0	0	.	✳
13	0.8	2.0	−0.8	0.7	4.3	617.5	617.5	617.5	26	25	28	S	0	SW	1	W	1	0	0	0	.	✳
14	−6.0	−1.6	−3.5	−3.7	0.0	617.5	617.7	617.7	99	**10**	18	W	0	W	0	W	0	10≡	0	0	.	≡ l ✳
15	−10.0	−6.0	−7.0	−7.7	−4.0	615.9	615.9	615.1	85	88	88	W	1	N	0	N	2	7	10	10	10.3	n ($^{15}/_{16}$) ✶ ✳
16	−8.5	−7.4	−7.0	−7.6	−3.8	616.2	617.6	617.7	86	86	86	N	0	NW	0	W	0	0	0	10	8.0	n ($^{16}/_{17}$) ✶ ✳
17	−1.0	−2.0	−2.0	−1.7	2.2	615.9	**619.3**	618.6	93	93	94	W	3	W	2	W	3	10≡	10≡	10≡	.	☂ l, III, ≡ ✳
18	−4.0	−3.4	−2.1	−3.2	0.7	617.9	617.9	616.8	92	92	93	W	1	W	1	W	2	3	0	10	6.2	n ($^{18}/_{19}$) ✶ ✳
19	−4.4	−8.2	−8.5	−7.0	−3.0	613.3	612.4	609.5	92	92	90	W	2	W	2	W	1	10≡	10≡	10*≡	15.8	≡^{2}, p n ✶ ✳
20	−13.0	−12.3	−12.2	−12.5	−8.5	606.1	607.0	607.9	90	90	90	W	0	W	1	W	0	10≡	10*	10≡	11.3	≡ ✶ ✳
21	−13.8	−12.6	−13.0	−13.1	−9.0	607.2	605.8	605.3	90	90	84	W	2	W	3	W	3	10≡	10≡	10≡	10.5	a ≡, p ✶ ≡^{2} ☂ ✳
22	−14.1	−12.1	−10.2	−12.1	−8.0	604.0	606.5	602.2	82	82	80	W	1	W	1	W	5	10≡	10≡	10≡	23.4	≡, ☂ ≡^{2} III–n, n ✶^{2} ✳
23	−4.2	−2.7	−6.5	−4.5	−0.3	602.8	600.8	604.9	90	90	90	W	3	W	3	W	3	10	10≡	10≡	18.8	☂, p n ✶ ≡ ✳
24	−9.8	−9.0	−7.0	−8.6	−4.4	608.3	608.9	605.3	90	80	82	W	2	W	2	W	4	10≡	10	10	25.3	≡ l, ✶^{2}, ☂ III ✳
25	−9.8	−8.0	−12.8	−10.2	−6.0	608.5	612.1	612.2	85	81	80	W	0	W	0	W	4	7	0	7	.	☂ III–n ✳
26	−3.8	−1.5	−3.5	−2.9	1.4	605.4	603.4	605.2	86	90	91	W	3	W	4	W	4	10≡	10≡	10	40.3	≡ ☂ n–II, ✶^{2}, p n ☂ ✳
27	−3.6	−2.0	−2.5	−2.7	1.6	605.2	604.9	607.2	90	93	95	W	3	W	3	W	1	10*	10≡	10≡	**50.5**	☂ n–II, ✶^{2}, p ≡ ✳
28	−2.2	−1.0	−1.8	−1.7	2.6	603.9	600.9	**600.5**	95	95	95	W	4	W	5	W	5	10	10	10*	43.0	☂ ✶^{2} ✳
29	−10.3	−11.0	−11.6	−11.0	−6.6	611.4	613.9	614.8	88	87	88	SE	0	SE	0	W	0	10≡	10	10*	9.0	≡ l, ✶ III ✳
30	−11.7	−10.4	−9.4	−10.5	−6.1	613.0	611.2	608.5	85	82	87	W	2	W	2	W	3	10	10	10	17.0	≡° l, ✶, ☂ III ✳
31	−10.6	−11.0	−11.0	−10.9	−6.5	611.1	613.0	614.6	85	85	85	SE	0	W	0	W	0	7	0	3	.	✳
Mittel	−5.8	−4.6	−5.6	−5.3	—	609.9	610.3	610.1	84	78	80							7.5	6.3	7.1	Summe 305.1	

Dezember 1923.
Beobachter: *G. Krättli.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$.
$H_b = 1707.6^{m}$, $G = -0.12\ ^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	−5.0	−2.0	−2.3	−3.1	3.1	615.3	614.5	614.4	90	91	95	SW 0	E 0	N 0	7	10*	7	6.0	p ✳
2	−5.2	−4.4	−13.5	−7.7	−1.3	613.9	612.1	611.7	85	72	75	W 0	S 0	SW 0	3	1	0	.	
3	−11.7	−5.1	−5.6	−7.5	−0.9	610.2	609.5	611.3	76	79	76	SW 0	N 0	SW 0	9	10*	10	4.3	✳ 9½–18
4	−7.6	−3.9	−10.4	−7.3	−0.6	612.2	612.7	613.6	83	60	71	SE 0	N 0	S 0	8	4	9	.	✳° 10–12
5	−6.4	−4.4	−5.2	−5.3	1.6	612.0	611.4	610.8	72	76	92	NE 0	S 0	S 0	10	10*	10*	3.9	✳ 10–n
6	−12.6	−7.6	−12.3	−10.8	−3.7	610.8	611.0	613.0	85	73	80	W 0	SE 0	S 0	0	4	3	.	
7	−13.2	−2.6	−12.0	−9.3	−2.0	613.3	613.9	616.7	80	64	75	SW 0	SW 0	S 0	9	9	0	.	
8	−13.4	−6.0	−12.3	−10.6	−3.1	617.7	617.6	618.4	78	71	79	W 0	SE 0	S 0	0	2	0	.	
9	−11.2	−1.8	−4.5	−5.8	1.8	616.4	615.5	616.3	81	72	89	W 0	S 0	N 0	1	9	8	0.6	✳° 11½–n
10	−7.6	−1.4	−7.1	−5.4	2.4	618.8	620.2	622 9	93	76	83	S 0	S 0	W 0	10	7	10	.	
11	−10.4	−3.8	−9 1	−7.8	0.2	624.3	624.5	**625.6**	85	76	84	SW 0	S 0	SW 0	4	2	0	.	
12	−11.4	−4.2	−8.3	−8.0	0.1	625.2	624.3	624.3	85	78	87	W 0	S 0	NW 0	2	5	0	.	Ψ 19½
13	−11.3	−3.8	−9 3	−8.1	0.2	623.2	622.4	623.0	86	78	85	SW 0	S 0	W 0	0	0	1	.	
14	−12.6	−7.8	−13.6	−11.3	−2.8	623.5	623.9	623.9	85	77	81	W 0	NE 0	NW 0	1	2	0	.	
15	−15.2	−5.4	−4 0	−8.2	0.4	621.7	619.0	620.3	81	73	68	E 0	S 0	N 0	0	10	10	.	n (15/16) △°
16	−5.2	−5.2	−7.2	−5.9	2.9	620.8	621.4	623.3	67	73	64	NW 0	W 1	N 0	4	2	10*	1.9	✳ △ III–n
17	−2 9	**3.2**	−7.1	−2.3	6 6	622.1	622.8	624.1	97	75	74	E 0	N 0	N 0	10	9	5	.	●° ✳° 9-II, Ψ² 19½–22
18	−11.7	−2.8	−7.4	−7.3	1.7	623.0	621.7	620.6	79	64	79	SW 0	S 1	W 0	2	1	1	.	
19	−6 6	−3.3	−8.0	−6.0	3.2	617.3	615.1	613.2	74	73	79	E 0	N 0	N 0	7	10*	10	4.3	✳ 10½–16
20	−11.6	−9 1	−10.6	−10.4	−1.1	610.8	611.3	613.1	69	55	77	E 0	W 0	W 0	10*	10*	10*	0.7	✳°, n ✳°
21	−13.4	−11.3	−14.7	−13.1	−3.7	611.7	609.5	610.0	67	77	79	S 0	N 0	NE 3	10*	10*	10*	9.4	✳, ✣ 🖋 20½–22¾
22	−15.4	−10.7	−11.0	−12.4	−2.9	609.2	610.0	608.8	77	65	84	NE 0	N 0	SW 1	10*	10*	10*	10.0	✳
23	−3.6	−2.0	−6.5	−4 0	5 6	607.8	**606.1**	609.5	97	95	94	SE 1	W 0	W 1	10*	10*	10*	**17.0**	✳ ✣
24	−8.4	−5.8	−6.9	−7.0	2.7	613.2	613.7	609.8	85	61	89	NE 0	N 0	SW 0	10	10	10*	13.5	✳ III–n
25	−6 4	−7.2	−12.4	−8.7	1.0	611.9	615.4	617.8	74	**48**	52	N 1	W 2	NE 1	8	1	1	.	🖋 II
26	−7.6	−4.6	−3.5	−5.2	4.6	612.9	610.1	610.2	59	81	98	W 0	NW 2	S 0	10	10	10*	9.3	✳ ✣ 9¾–n, 🖋 II
27	−2.7	−2.2	−2.7	−2.5	7.4	610.0	609.4	613.3	87	94	96	SW 0	NE 0	NE 0	10	10*	7*	13.4	✳ 8¼–22
28	−5.0	−0.8	−3.7	−3.2	6.7	611.9	608.0	607.1	91	74	91	W 0	SW 0	S 0	10*	10*	10*	5.7	✣ n–9¾, ✳
29	−7.4	−8.5	−9.9	−8.6	1.4	615.0	618.1	618.9	64	58	63	E 2	N 1	N 0	10	9	10	1.7	a 🖋, n ✳
30	−11.0	−9 0	−9.3	−9 8	0.2	616.6	614.8	613.2	82	76	86	E 0	SW 1	SW 0	10*	10*	10*	4.0	✳
31	−15.4	−10.9	**−16 5**	−14.3	−4.2	616.3	618.1	619.8	80	69	67	SW 0	N 0	N 0	2	1	0	.	
																		Summe	
Mittal	−9.3	−5.0	−8.6	−7.6	—	615.8	615.4	616.1	81	73	80				6.4	6.7	6.2	105.7	

Dezember 1923.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$.
$H_b = 541\ 8^{m}$, $G = 0.00\ ^{m}/_{m}$.

1	1.0	6.4	3.2	3.5	2.0	709.9	709.3	711.0	100	65	85	N 0	SW 0–1	W 0	6	7	10	.	
2	2.6	**6.6**	3.2	4.1	2.8	710.4	708.4	706.6	95	60	80	W 0	NE 0–1	NE 0	10≡	5	6	.	≡ I
3	1.8	4 2	1.4	2.5	1.3	705.7	705.9	707.6	95	77	87	NE 0	N 0	W 0	10*≡	7	5	1.5	≡ ✳ I–a
4	−2.6	2.8	0.4	0.2	−0.9	710.1	709.9	709.7	76	46	100	N 0	NW 0	NE 0	0	0	10*	17.3	⌴ I, ✳ 21–n
5	0.0	2.2	0.6	0.9	0 0	707.1	705.5	705.0	100	85	75	NW 0	NE 0	NE 0	10*	10	0	2.3	✳ n–10½
6	−3.4	0.8	−3.8	−2.1	−2.9	706.1	705.9	708.8	85	59	100	NE 0	NE 0	NE 0	0	0	0	.	
7	**−6.4**	−0.8	−3.8	−3.7	−4 4	710.8	710.8	713.4	95	63	70	NE 0	NE 0	NE 0	0	0	0	.	
8	−5.8	1.0	−0.6	−1.8	−2.3	713.3	711.7	711.9	85	51	60	NE 0	NE 0	NE 0	3	4	7	.	
9	0.8	5.2	2.2	2.7	2.3	709.0	708.1	709.0	55	50	88	NE 0	NE 0	SW 0	8	10	10	0.1	n (9/10) ✳°
10	3.4	5.9	0.5	3.3	3.0	712.6	714.4	718.3	56	60	98	N 0	SW 0–1	NE 0	9	1	0	.	
11	−1 8	0.5	−0.6	−0.6	−0.8	719.8	719.9	721.1	100	79	98	NE 0	NE 0	NE 0	1	3	0	.	
12	−3.8	0.0	−2.2	−2.0	−2.1	720.0	719.3	719.7	100	79	100	NE 0	N 0	N 0	0	1	2	.	V I
13	−6.0	−2.1	−1.0	−3.0	−3.0	719.9	719.5	721.4	100	97	100	SW 0	N 0	NE 0	10≡	10≡	10≡	.	≡² V, ≡ III–n
14	−0.8	1.6	0.4	0.4	0.5	722.5	721.9	722.9	100	77	74	NE 0	NE 0	NE 0	10≡	10	10≡	.	≡ V I, ≡ III–n
15	−0.8	0.8	−0.2	−0.1	0.1	720.7	719.9	720.1	73	64	90	NW 0	NE 0	NE 0	10	10	10	.	
16	−0.3	3.0	1.8	1.5	1.8	719.6	720.5	722.7	92	60	77	SW 0	NE 0	NE 0	10	7	10	.	
17	0.9	2.8	1.3	1.7	2.1	**723.2**	721.7	722.2	95	74	91	NE 0	NE 0	NE 0	10	2	10	0.1	●° 9
18	1.2	3.9	2.0	2.4	2.9	721.8	720.8	720.3	100	71	90	NE 0	NW 0	NE 0	10	10	10	.	
19	1.4	3.9	0.1	1.8	2.3	716.6	713.2	711.4	90	72	100	NW 0	SW 0–1	W 0	2	10●	10*	1.7	● II, ✳ III–n
20	−2.5	−2.0	−2.7	−2.4	−1.8	710.2	710.9	714.2	80	72	100	NE 0	W 1–2	W 0	4	10	10	0.2	
21	−4.0	−2.8	−3.6	−3.5	−2.8	712.9	711.0	710.8	77	90	100	SW 1–2	SW 1–3	W 0–1	10△	10*	10*	3.4	△° n–I, ✣° II, p ✳
22	−4.1	−1.3	−3.3	−2.9	−2.2	710.4	710.7	707.4	100	63	100	NW 0	W 0	W 0–1	10	10	10*	**27.8**	✳² 16½–n, △ 20½–n
23	2.5	3.2	3.6	3.1	3.9	706.0	704.4	708.2	91	92	**36**	SW 1–2	W 0–1	SW 2–3	10●	10●	10△	14.1	● n–19, 🖋–n, △ 21–n
24	2.8	3.8	0.5	2.4	3.3	713.0	712.9	708.6	50	40	100	SW 1	SW 1–2	NE 0	10	10	10*	22.9	✳ 19½–n, n ●²
25	1.4	3.0	−2.2	0.7	1.6	709.5	713.8	717.2	93	60	63	SW 1–2	SW 1–2	NE 0–1	10	2	7	1.1	
26	−2.2	−0.6	3.9	0.4	1.4	712.5	707.6	708.6	100	95	80	NE 0	N 0	E 0	10*	10	10	23.9	✳ n–I, 8½–12, ●15–20½
27	3.0	4.0	5.6	4.2	5.2	706.9	705.7	710.7	98	98	67	NE 0	NE 0	SW 0–1	10●	10●	10	24.3	●² n–14, 16–20
28	2.0	1.8	3.9	2.6	3.6	708.8	702.8	**702.2**	98	96	100	NE 0–1	NE 0	NE 0	10●	10●	10●	26.6	●²
29	0.0	2.4	−2.0	0.1	1.2	714.2	717.8	721.2	61	42	52	SW 2–3	SW 0–1	W 0	7	5	1	.	🖋 I
30	−1.8	−1.1	−2.0	−1.6	−0.5	719.6	716.4	710.5	60	87	100	W 0–1	NW 0	NW 0	10	10	10*	19.4	✳ 9–n, ≡² II
31	−1.1	0.9	−2.4	−0.9	0.2	714.2	717.1	719.6	100	74	85	NE 0	W 0	SW 0	10	4	8	.	
																		Summe	
Mittel	−0.7	1.9	0.1	0.4	—	713.5	712,8	713.6	87	71	85				7.4	6.7	7.3	186.7	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

Dezember 1923.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}		13^{30}		21^{30}		7^{30}	13^{30}	21^{30}		
1	5.4	6.0	5.8	5.7	1.6	734.3	732.5	732.4	81	86	79	N	0	N	0	N	0	10●	10●	10	13.4	● 1–n, p ≡°
2	4.8	9.2	4.2	6.1	2.1	732.5	729.3	728.5	84	59	77	NNW	0	SE	0	N	0	3	2	0	.	
3	3.0	6.0	3.6	4.2	0.4	727.3	727.8	728.9	70	66	87	NNE	0	N	0	N	0	3	10	10	5.0	● 15–18½
4	4.8	9.8	3.8	6.1	2.4	729.0	730.2	733.2	32	33	49	S	0	NNE	1	NNE	0	1	0	0	.	
5	3.0	4.8	2.8	3.5	−0.1	731.9	731.5	731.1	66	67	80	NNW	0	SSE	0	N	0	10	10	10●	3.0	● 17–III
6	0.0	6.0	2.6	2.9	−0.6	729.5	728.4	729.2	84	58	76	N	0	SE	0	N	0	1	1	0	.	
7	−0.2	6.4	1.8	2.7	−0.7	730.7	731.7	735.3	81	57	74	N	0	S	0	N	0	0	2	0	.	⌊
8	−0.4	7.0	2.2	2.9	−0.3	737.4	737.3	737.8	76	63	72	N	0	S	0	N	0	0	1	0	.	⌊
9	1.8	6.0	4.0	3.9	0.8	736.2	734.8	735.4	65	66	84	N	0	N	0	N	0	10	10	10	2.0	n (9/10) ●
10	4.4	8.8	3.2	5.5	2.5	738.8	739.7	742.3	87	56	78	N	0	SE	0	N	0	10	10	4	.	
11	2.4	8.6	4.2	5.1	2.2	744.1	743.9	**744.7**	73	53	76	N	0	SW	0	N	0	3	2	4	.	
12	4.2	8.6	2.6	5.1	2.3	744.5	743.1	743.4	72	71	78	W	0	N	0	N	0	10	8	0	.	
13	1.2	7.4	1.2	3.3	0.6	742.4	741.3	741.5	82	71	78	N	0	S	0	N	0	0	0	0	.	
14	0.6	7.0	3.6	3.7	1.1	741.4	742.5	742.5	83	60	81	N	0	S	0	N	0	0	0	0	.	⌊
15	1.0	6.9	2.8	3.3	0.8	741.4	738.9	738.9	90	61	83	N	0	N	0	N	0	1	10	0	.	⌊
16	−0.2	7.6	2.0	3.1	0.7	740.2	739.8	742.2	89	51	88	NE	0	S	0	N	0	5	0	0	.	
17	−0.4	6.5	1.8	2.6	0.3	740.3	738.8	739.1	72	56	77	W	0	SSE	0	N	0	5	3	0	.	
18	0.2	7.0	3.0	3.4	1.2	740.8	739.5	739.6	73	63	74	NW	0	S	0	N	0	0	1	0	.	⌊
19	9.8	**12.6**	4.2	8.9	6.8	734.1	731.1	731.9	28	28	46	NNE	1	NNE	0	NNE	1	0	5	0	.	
20	1.4	4.2	1.0	2.2	0.2	731.3	731.2	734.0	27	**24**	33	NNE	1	NNE	1	N	0	0	1	0	.	
21	0.0	2.8	0.6	1.1	−0.8	733.3	732.5	731.1	26	29	**24**	N	0	NE	0	N	0	1	10	0	.	
22	−1.4	3.0	−0.4	0.4	−1.4	731.6	731.5	730.7	26	25	30	N	0	NNW	0	N	0	10	5	10	.	
23	−1.6	4.2	3.8	2.1	0.4	727.4	**724.1**	728.6	32	31	48	N	0	N	0	N	1	8	10	10	.	
24	4.2	8.6	4.2	5.7	4.0	733.8	732.8	730.8	31	25	33	N	1	NNE	1	N	0	9	3	0	.	
25	9.2	8.4	0.0	5.9	4.3	728.0	733.1	736.8	31	32	38	NNE	2	NNE	2	NE	0	0	0	0	.	⛈ 6–II
26	−2.4	4.0	0.2	0.6	−1.0	735.4	731.0	730.0	32	31	98	NW	0	NW	0	N	0	4	8	9	1.5	● ✳ 17–18½
27	0.0	6.8	1.0	2.6	1.1	727.7	726.7	731.1	80	60	68	NW	0	NNE	0	N	0	10	2	0	.	
28	0.4	1.8	0.0	0.7	−0.8	734.3	730.1	726.6	72	63	71	N	0	N	0	N	0	10	10	10	.	
29	5.8	5.2	2.4	4.5	3.1	731.2	735.9	739.6	29	29	37	N	4	N	4	N	1	10	0	0	.	⛈ 4½–18½, ⛈–III
30	1.2	5.2	−1.0	1.8	0.4	739.6	736.8	733.2	38	25	48	N	0	N	0	N	0	0	4	2	.	
31	−2.0	1.6	**−3.4**	−1.3	−2.6	739.3	740.3	741.5	74	61	68	N	0	S	0	N	0	4	0	0	.	
																					Summe	
Mittel	1.9	6.4	2.2	3.5	—	735.2	734.4	735.2	61	50	65							4.2	4.5	2.9	249	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel.

Dezember 1923.
Bernoullianum.

1	0.4	0.2	0.2	0.3	−1.8	736.3	736.5	737.2	96	96	93	W	1	W	1	W	0	10	10	10	0.7	✳° 8¼–12½, 17–19, ≡°
2	−0.2	1.9	2.2	1.3	−0.7	734.9	732.0	728.0	97	85	83	NW	0	S	1	SE	1	10	1	10	0.5	
3	2.4	6.0	3.4	3.9	2.0	728.3	729.6	731.4	96	**59**	74	S	1	W	1	SW	1	10●	7	8	0.1	●° 1–2, 6½–9¼, 20
4	0.6	4.6	2.6	2.6	0.8	733.6	732.5	727.6	92	69	89	SE	1	SE	1	SE	1	10	2	10	3.0	● 19¾–21 [8½–9¾
5	4.6	**8.0**	4.6	5.7	4.0	726.1	727.1	727.5	93	65	84	SE	1	W	1	E	1	10	7	9	0.3	● 1¼–1¾, 3¾–4½, ●°
6	3.0	5.2	1.2	3.1	1.5	728.7	730.0	733.6	90	78	96	SE	1	E	1	SE	1	9	2	10≡	.	≡ III
7	0.4	1.3	1.2	1.0	−0.5	735.1	735.6	736.2	92	95	96	NW	1	NW	1	NW	1	10	10	10	.	≡° II
8	0.6	5.0	4.8	3.5	3.1	734.9	733.0	732.1	92	63	66	SE	1	SE	1	SE	1	10	7	10●	0.6	●° 20¾–22¼
9	4.8	4.6	3.8	4.4	3.1	730.8	731.9	734.0	66	90	93	SE	1	SE	1	E	1	10	10●	10	4.1	●° 2–2¼, 10½–11¼, ●
10	3.6	4.6	3.6	3.9	2.7	738.3	740.6	743.8	93	90	87	NW	1	N	1	E	1	10	10	10	.	[12½–15¾
11	2.8	3.8	2.2	2.9	1.8	745.1	745.4	745.9	83	73	75	E	1	S	1	SE	1	10	10	10	.	
12	1.2	1.6	1.0	1.3	0.3	745.1	744.4	744.3	81	82	85	E	1	NE	1	NE	1	10	10	10	.	
13	0.0	−0.2	0.0	−0.1	−1.0	744.7	745.1	747.0	85	89	89	N	1	N	1	N	1	10	10	10	.	
14	0.0	0.8	0.6	0.5	−0.3	**748.2**	748.1	747.9	89	85	88	E	1	E	1	NE	1	10	10	10	.	
15	0.8	1.6	1.6	1.3	0.6	745.1	743.5	743.8	88	85	96	SW	1	SE	1	S	1	10	10	10	1.2	✳° 10½–11, p ≡°, ●*)
16	0.0	1.4	1.4	0.9	0.3	745.4	745.8	747.0	97	93	85	SW	1	W	1	SE	1	10	9	10	1.5	≡ 10–11½, ≡° II
17	4.6	5.6	3.4	4.5	4.0	746.0	745.7	745.6	84	82	93	W	1	NW	1	S	1	10	10	10	0.3	● 5¼–6, ●° 9¼, 18
18	3.6	7.8	7.0	6.1	5.7	744.1	743.2	742.5	90	72	77	SE	1	W	1	W	1	10	10	10	0.1	
19	4.8	4.4	1.6	3.6	3.2	740.5	738.7	735.6	71	71	82	W	1	W	1	W	1	10	8	10	.	●° 17–18¾
20	−1.4	−0.6	−3.0	−1.7	−2.0	735.0	735.6	740.2	84	92	76	W	1	W	1	NW	1	7	10*	4	1.0	≡ 9¾–12¼, ✳° 13¼–17 ⛈
21	−1.6	−0.8	−2.4	−1.6	−1.8	737.1	734.9	735.4	85	81	87	W	1	SW	2	W	1	10	9	8	0.1	✳° 14½–15, 18–19 ⛈
22	−1.8	−0.4	−1.4	−1.2	−1.3	734.0	733.1	727.8	88	78	96	W	1	W	1	SE	1	10	10	10*	2.3	✳ 15–22 ⛈
23	5.4	4.0	2.4	3.9	3.9	726.8	724.9	733.0	82	90	69	SW	1	N	3	SW	2	10●	10●	10	11.5	●1–17½, p n ⛈, ✳° 21, *)
24	1.2	2.6	6.0	3.3	3.3	736.2	734.6	727.1	89	86	82	SW	2	W	1	W	4	10	10●	10●	**15.0**	⛈ n–1, ✳° 8¾–9¼, *) ⛈
25	−0.8	0.4	−2.4	−0.9	−0.9	736.7	740.7	740.9	78	60	80	NW	1	W	1	SE	1	2	0	9	2.7	● 1½–1¾
26	−2.5	6.8	6.4	3.6	3.7	730.8	726.9	730.8	92	85	85	W	1	SW	3	NW	2	10*	10●	10	13.2	✳ 6–8, ●–14, 19½–20¾, *) ⛈
27	4.2	−0.2	−0.6	1.1	1.2	729.2	730.3	734.9	90	95	95	W	1	NW	1	N	0	10●	10●	10●	7.0	● n–11, △ 13¼–13½, *) ⛈
28	2.8	**8.0**	3.0	4.6	4.7	726.3	**722.1**	729.1	93	81	90	SE	1	W	2	N	3	10	10●	10●	9.2	● 4½–6¾, 9–15½, 20–22½,
29	−0.2	1.4	0.5	0.6	0.8	741.9	744.0	745.1	78	70	86	N	1	SW	1	N	1	10	6	5	2.1	✳ 10¼–12½, 21¾–23 [p ⛈ ⛈
30	0.4	0.6	−0.4	0.2	0.4	742.5	738.9	736.1	92	92	95	SW	1	SW	0	SE	0	10*	10*	10	6.8	✳ 7–21¼ ⛈
31	**−8.3**	−7.7	−7.9	−8.0	−7.8	742.3	744.9	746.3	90	86	87	N	0	NW	0	NE	0	10	3	10	.	⛈
																					Summe	
Mittel	1.1	2.7	1.5	1.8	—	737.1	736.8	737.3	88	81	86							9.6	8.1	9.5	83.3	

*) **15.** 15½–19¾, 22¼–22¾, ≡ 18–20 *) **23.** 23½–24¼ *) **24.** ● 13¼–24½, ⛈ III *) **26.** 23¾–n, p ⛈ *) **27.** ✳–15½, ● III–22¾

Dezember 1923.
Beobachter: *Observatorium.*

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$,
$H_b = 2500.1^{m}$, $G = -0.16\,‰$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	13^{30}	21^{30}	Mittel	Abweich. vom Normalst.	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}	7^{30}	13^{30}	21^{30}		
1	-6.4	-3.5	-8.0	-6.0	0.8	556.1	556.0	555.6	94	60	100	SE 2	S 0	NNE 1	9	9	10≡*	2.8	✳ ≡ 16³/₄-n
2	-8.8	-7.0	-9.3	-8.4	-1.5	554.0	553.2	551.6	100	96	35	WSW2	WSW3	WSW4	10≡	1	0	2.5	≡ n-8¹/₂, 🌧 III, n ✳
3	-8.4	-10.5	-12.2	-10.4	-3.4	550.9	550.7	551.7	100	100	100	W 2	W 1	WSW1	10≡*	10≡*	10≡*	13.0	✳ ✣ ≡
4	-12.8	-11.6	-12.8	-12.4	-5.3	552.7	552.9	551.5	100	100	100	WSW0	WSW0	WSW4	10≡	5	10≡*	14.0	≡ n-10, ✳ ✣³ ≡ 🌧 20-n
5	-7.5	-7.8	-9.9	-8.1	-0.9	550.9	551.2	551.3	100	97	95	WSW3	SSW 1	E 1	10≡*	9	10≡	.	≡ n-10¹/₄, ✳° III
6	-9.0	-8.9	-10.3	-9.4	-2.1	551.6	552.2	553.7	95	37	95	NE 0	ENE 1	ENE 1	2	3	10≡	.	≡ 16-n
7	-10.8	-10.2	-8.2	-9.7	-2.3	554.2	554.5	556.0	90	90	92	ENE 1	ENE 1	NNE 0	10≡	1	0	.	≡ n-11¹/₂
8	-8.8	-8.0	-6.0	-7.6	-0.2	556.5	556.1	557.3	90	**30**	35	W 2	WSW2	W 3	6	6	4	.	
9	-4.2	-4.6	-5.2	-4.7	2.8	556.1	555.6	556.4	50	60	100	SSE 1	S 1	SE 2	8	10	4	.	
10	-4.5	-5.3	-4.4	-4.7	2.9	559.2	560.6	562.8	80	74	70	E 1	SE 3	SSE 3	10	7	0	.	🌧 II
11	-4.5	**-0.7**	-3.0	-2.7	5.0	563.9	564.5	**565.4**	52	50	50	SSE 1	SSW 1	S 2	3	2	0	.	
12	-3.2	-1.0	-2.8	-2.3	5.5	564.8	564.7	564.7	60	60	60	S 2	SW 2	WSW0	5	3	0	.	
13	-3.7	-3.2	-6.7	-4.5	3.3	563.9	563.7	563.6	60	62	74	SW 1	W 3	W 3	2	0	2	.	
14	-7.2	-5.3	-6.5	-6.3	1.6	563.6	564.1	564.1	60	**30**	58	WNW2	WNW0	WNW0	2	2	1	.	
15	-8.5	-9.2	-11.8	-9.8	-1.8	561.2	560.4	560.2	65	100	100	W 3	NNW2	W 2	8	10≡*	10≡*	14.3	✳ ≡ 12-n
16	-13.9	-12.7	-10.6	-12.4	-4.4	560.5	561.0	563.0	100	100	100	W 1	WSW1	WSW2	10≡*	10≡	10≡*	13.6	✳ n-11, ≡, ✳ ✣ 17-n
17	-5.4	-6.5	-7.0	-6.3	1.8	564.1	563.9	564.1	100	100	100	WSW2	WSW2	WSW2	10≡*	10≡*	10≡	7.0	✳ ✣ n-16, ≡, ☌² III
18	-6.4	-6.4	-7.5	-6.8	1.4	563.8	562.3	561.0	100	100	100	S 1	WSW4	WSW3	6	3	10≡*	26.0	🌧 II, ✳² ≡ 17¹/₂-n
19	-8.8	-13.4	-14.1	-12.1	-3.9	557.8	555.9	552.8	100	100	100	SW 2	WSW1	W 1	10≡*	10≡*	10≡*	24.8	✳² ≡ ✣
20	-18.2	-17.4	-19.0	-18.2	-9.9	550.5	550.9	553.2	100	100	100	WSW1	WSW1	SW 1	10≡*	10≡*	10≡*	17.7	✳ ≡ ✣
21	-20.0	-18.0	**-21.2**	-19.7	-11.4	550.8	549.5	549.8	100	100	100	WSW1	W 1	WSW0	10≡*	10≡*	10≡*	17.7	✳ ≡ ✣
22	-20.1	-18.0	-16.8	-18.3	-9.9	548.8	549.0	547.1	100	100	100	WSW1	WSW1	WSW4	10≡*	10≡*	10≡*	43.0	✳² ≡ ✣, 🌧 III
23	-9.2	-7.6	-15.4	-10.7	-2.3	547.8	**546.0**	550.1	100	100	100	WSW3	WSW3	WNW3	10≡*	10≡*	10≡*	45.2	✳² ≡ ✣, p 🌧
24	-15.0	-13.6	-9.2	-12.6	-4.1	552.5	552.2	547.8	100	100	100	WSW2	WSW2	WSW4	10≡*	10≡*	10≡*	39.6	✳² ≡ ✣, 🌧 III-n
25	-19.4	-18.8	-16.5	-18.2	-9.7	553.2	555.7	555.8	100	94	100	SE 1	SW 0	WSW3	10	3	10≡*	3.5	✳ ≡ 20¹/₂-n
26	-7.8	-7.0	-8.2	-7.7	0.9	550.8	548.1	551.1	100	100	100	WSW5	WSW5	WSW2	10≡*	10≡*	10≡*	**47.7**	✳² ≡ ✣ 🌧
27	-8.4	-8.0	-8.5	-8.3	0.3	550.6	550.7	554.4	100	100	100	SW 3	WSW1	NW 1	10≡*	10≡*	10≡*	43.9	✳² ≡ ✣
28	-5.6	-5.1	-6.8	-5.8	2.8	550.5	547.8	548.9	100	100	100	W 3	WNW4	NW 1	10≡*	10≡*	10≡*	45.9	✳² ≡ ✣, p 🌧
29	-18.5	-16.5	-16.7	-17.2	-8.5	556.0	557.7	558.2	100	100	100	N 0	WNW2	NW 1	10≡*	10≡*	10≡*	14.0	✳ ≡
30	-17.0	-15.7	-15.5	-16.1	-7.4	556.4	553.7	552.8	100	100	100	WSW2	WSW3	WSW1	10≡*	10≡*	10≡*	11.5	✳ ≡ ✣ 🌧
31	-17.8	-18.4	-20.1	-18.8	-10.1	555.3	557.4	558.8	100	100	100	SW 1	NW 0	WNW1	10≡	1	5	.	≡ n-l
																		Summe	
Mittel	-10.3	-9.7	-10.6	-10.2	—	555.8	555.5	556.0	90	85	89				8.4	6.9	7.3	447.7	

Dezember 1923.
Beobachter: Frl. *F. Lombardi.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$H_b = 2102.9^{m}$, $G = -0.14\,‰$.

1	-4.8	-2.8	-7.0	-4.9	0.8	585.0	585.3	584.2	64	58	60	SE 0	SE 0	NE 2	10	10	10*≡	5.4	✣ ✳ ≡ 18-n
2	-6.8	-2.8	-7.4	-5.7	0.1	583.4	582.2	581.1	59	50	46	NE 0	NE 0	NE 1	10	0	0	.	
3	-7.6	-7.6	-8.8	-8.0	-2.1	580.0	581.1	580.9	52	60	62	NE 2	NE 2	NE 4	10	10*≡	10≡	17.5	≡, ✳ 11-20¹/₂, 🌧-n
4	-11.2	-10.8	-8.8	-10.3	-4.3	581.7	582.3	582.9	62	60	58	NE 4	NE 2	SE 2	10≡	0	0	.	✣³ 🌧 n-8, ≡ n-11¹/₂
5	-10.2	-8.8	-7.8	-8.9	-2.8	581.5	581.1	580.5	58	59	60	SE 2	SE 2	SE 2	10≡	10≡	10*≡	1.6	≡ ✣, ✳ III
6	-6.8	-5.8	-9.8	-7.5	-1.3	581.4	582.0	582.3	55	42	56	NE 2	NE 1	NE 2	0	0	0	.	
7	-11.0	-8.8	-10.2	-10.0	-3.7	582.8	583.7	585.9	60	56	54	NE 4	NE 4	NE 1	5	0	0	.	≡° n-10, 🌧 n-14
8	-7.8	-4.4	-6.8	-6.3	0.1	586.5	587.3	587.6	65	50	58	SE 2	SE 1	SE 2	2	0	0	.	
9	-6.2	-4.8	-6.0	-5.7	0.8	586.9	585.1	586.0	60	55	62	SE 2	SE 2	SE 1	4	10	10*≡	3.2	✣, ✳ ≡ 18³/₄-n
10	-5.0	-6.0	-4.6	-5.2	1.4	587.5	590.3	592.3	63	50	60	SE 1	SE 1	SE 1	10	10	0	.	
11	-3.8	-0.2	-3.0	-2.3	4.4	593.5	594.3	**595.0**	60	55	60	SE 1	SE 1	SE 1	7	7	0	.	
12	-2.2	**0.2**	-4.6	-2.2	4.6	594.3	594.3	594.8	62	55	60	SE 0	SE 0	SE 1	10	7	0	.	
13	-2.2	-1.8	-5.2	-3.1	3.8	592.6	593.7	592.6	49	**40**	50	NE 2	NE 1	NE 2	0	0	0	.	
14	-7.2	-5.8	-4.8	-5.9	1.0	592.6	593.4	593.2	55	45	**40**	NE 2	NE 2	NE 1	0	0	0	.	
15	-6.6	-8.6	-8.8	-8.0	-1.0	590.6	590.7	589.2	45	55	50	NE 2	NE 2	NE 4	3	10	10	.	✣, 🌧 III-n
16	-9.0	-9.8	-8.8	-9.2	-2.1	589.4	591.9	592.9	45	60	66	NE 4	NE 4	NE 4	10	10	10	.	🌧
17	-7.6	-3.2	-5.4	-5.4	1.8	592.3	593.4	593.6	70	70	70	NE 4	NE 4	NE 1	10	10	10	.	🌧
18	-7.0	-5.2	-5.4	-5.9	1.3	593.8	591.2	591.9	55	55	65	NE 2	NE 3	NE 3	0	2	10≡	.	p 🌧, ✣³ ≡ 18-n
19	-6.2	-9.2	-11.0	-8.8	-1.5	587.9	585.0	581.8	60	60	60	NE 2	NE 4	NE 2	6	10≡	10*≡	3.7	≡ 10¹/₄-n, 🌧 II, ✳ 20¹/₂-n
20	-15.2	-15.2	-15.2	-15.2	-7.9	583.0	580.5	581.9	50	55	55	NE 4	NE 4	NE 4	10≡	10≡	10≡	.	≡ 🌧
21	-15.0	-15.0	**-16.0**	-15.3	-7.9	581.0	580.0	579.4	52	60	60	NE 4	NE 4	NE 4	10≡	10≡	10≡	.	≡ 🌧
22	-15.4	-14.8	-14.0	-14.7	-7.3	577.9	579.2	578.3	55	58	60	NE 4	NE 4	SE 1	10≡	10≡	10*≡	**50.8**	≡ 🌧, ✳² 18¹/₄-n
23	-10.2	-3.4	-10.8	-8.1	-0.6	579.4	**577.0**	580.3	65	65	62	NE 1	NE 1	NE 1	10*	10*	10*	26.1	✳³
24	-11.8	-8.8	-8.8	-9.8	-2.3	581.4	583.6	581.2	65	68	65	NE 4	NE 2	SE 1	10≡	10≡	10*≡	17.5	🌧 I, ≡ ✣, ✳ 19-n
25	-11.0	-13.0	-14.6	-12.9	-5.4	581.8	584.6	587.4	60	60	60	NE 4	NE 4	NE 1	10≡	10≡	0	7.7	≡ 🌧 n-20, n ✳
26	-10.8	-8.4	-5.0	-8.1	-0.5	584.2	582.1	582.1	66	60	68	SE 2	SE 2	NE 2	10*≡	10*≡	10*≡	42.5	✳³ ≡ ✣
27	-5.2	-4.0	-4.6	-4.6	3.0	580.5	580.8	583.5	65	65	65	NE 1	NE 2	NE 2	10*≡	10*≡	10*≡	30.6	✳² ≡, ✣ 15³/₄-n
28	-4.4	-6.0	-5.0	-5.1	2.6	582.5	579.1	577.2	65	65	65	SE 1	SE 2	SE 2	10*≡	10*≡	10*≡	26.0	✳³ ≡
29	-8.8	-14.0	-14.0	-12.3	-4.6	583.5	586.3	588.1	60	64	60	NE 4	NE 4	NE 3	10≡	10≡	10≡	.	≡ 🌧
30	-13.0	-12.4	-12.8	-12.7	-5.0	587.3	586.2	582.2	60	60	60	NE 2	NE 1	NE 1	10≡	10*≡	10*≡	28.4	≡, ✳³ 9¹/₂-n
31	-13.8	-13.8	-15.0	-14.2	-6.4	584.9	586.9	588.2	60	60	60	NE 3	NE 4	NE 2	10≡	10≡	0	.	≡ ✣ 🌧 n-14¹/₂
																		Summe	
Mittel	-8.5	-7.6	-8.7	-8.3	—	585.5	585.6	585.8	59	57	59				7.6	7.3	6.1	260.5	

Ergänzende Witterungsnotizen zu den Tabellen pag. 1—72.

Januar.

Bern. Schneehöhe: **4.** 4 cm; **15.** 1.5; **16.** 1; **17.** 0.5; **21.** 19; **22.** 16; **23.** 11; **24.** 9; **25.** 9; **26.** 8.5; **27.** 5.5; **28.** 5.5; **29.** 5; **30.** 4.5; **31.** 1.5. — Alpen sichtbar: **14** bis Nm. **17** id. — Alpen hell: **10** Mitt. **14** Vm. früh. — Alpen klar: **3** bis Nm. **22** id.; je Vm. früh: **2. 6. 17. 19. 24.** — **Neuchâtel. 21.** Vm. Schneehöhe: ca. 5 cm. **22.** Alpen sichtbar. **26.** Mitt. Nebel auf dem See. — **Altdorf. 21.** Schneehöhe: 23 cm. — Nebel an den Bergen: **9** Vm. **13** Mitt. (schwach). **28** Vm. **30** Mitt. (leicht). — **Zürich. 1., 9.** Nm. u. **15.** Mitt. dunstig. **2.** u. **19.** je Vm. Tal Dunst. **10.** Schneegrenze: 600 m. **22.** 8¾–9½ h Nebel im Tal. — Alpen sichtbar: **3** (Nm. klar). **22** Nm. (teilw.). **28** Nm. **30** Vm. — Cirri: **10** Mitt. **19** Vm. **22** Nm. **24** id. — Neuschnee: **11.** 2 cm; **13.** 3; **14.** 2; **15.** 2.5; **17.** 3; **21.** 15. — Hochnebel: **5** Nm. **18. 24. 25. 28** je Vm. **27** tags. — Nebel auf der Station: **6** 8–10 h (50 m Sichtweite). **22** 7⅜–8¾ h (200 m) u. 9½–11¾ h (100 m). **25** Vm. (400 m). **26** id. (400 m). — **Rigi-Kulm.** Nebelmeer: **24.** 750; **26.** 1400; **27.** 1400 m. — Neuschnee: **4.** 4 cm; **9.** 15; **11.** 20; **13.** 9; **16.** 7; **17.** 22; **18.** 5; **21.** 28; **22.** 5; **24.** 4; **30.** 5; **31.** 7. — Totale Schneehöhe: **5.** 73 cm; **12.** 97; **19.** 137; **26.** 167. — **Bevers. 4.** Ab. teilw. Nebel im Tal. **17.** Schneewehen ca. ½–1 m. **18.** Vm. früh Nebel am Inn. — Cirri: **3** Ab. **4** id. **9** Mitt. **18** Ab. **19** Mitt.; je Vm. früh: **8. 10. 21. 24. 25. 29.** — Neuschnee: **1.** 23 cm; **2.** 7; **9.** 0.5; **11.** 1; **12.** 4; **13.** 0.5; **15.** 2; **17.** 1; **21.** 0.5; **24.** 0.5. — Totale Schneehöhe: **7.** 112; **12.** 110 cm. — **Sitten.** Neuschnee: **11.** 7.5 cm; **15.** 2.5; **21.** 6. — Cirri: **3** Vm. früh. **4** Nm. **6** Mitt **7** bis Nm. **14** Mitt. **19. 24.** 25 je Vm. früh. — Dunst: **5** Nm. **6** id. **7** Ab. **9** id. **12. 13. 15** Nm. **19** id. **26. 27.**; je Mitt.: **17. 18. 22. 23. 24. 29.** — **Lugano.** N-Föhn: **11** seit Ab. **12. 15** 18½–21½ h. **16–19** Mitt. **23** 15½–20½ h. — **Basel. 11.** Abendrot 16 h 50 m bis 17 h. — Schneehöhe: **16.** 0.5 cm; **17.** 0.5; **20.** 2.5; **21.** 2; **22.** 1. — **Säntis. 21.** Abendrot. **26.** u. **27.** Abendrot u. Dämmerungserscheinungen. — Neuschnee: **1.** 20 cm; **2.** 5; **5.** 1; **8.** 5; **9.** 30; **10.** 8; **11.** 35; **12.** 5; **13.** 20; **14.** 5; **15.** 20; **16.** 60; **17.** 30; **18.** 10; **19.** 5; **20.** 10; **21.** 40; **22.** ?; **23.** 15; **24.** 35; **30.** 20; **31.** 30. — Mittlere Höhe der Schneedecke: **5.** 340 cm; **12.** 370; **14.** 400; **19.** 420; **26.** 350. — Mittlere Höhe der Schneegrenze: **5.** 700 m; **12.** 500 m; **14.–31.** Ebene angeschneit. — Alpen hell: **1** 21½ h. **2–6. 7** Nm. **11** Ab. **14. 19** Nm. **21** id. **22. 24. 25** 21½ h bis **28** Nm. — Ebene hell: **1** 21½ h. **2. 3** Vm. früh. **6** Ab. **14** Mitt. **19** 21½ h. **22** Vm. früh u. 21½ h. **24** Vm. früh u. Mitt. — Cirri **2** Ab. **3** Vm. **4** 21½ h. **5** Mitt. **6** Vm. früh. **7** id. u. Mitt. **9** Vm **14** Mitt. **19** id. **21** Ab. **22** 21½ h. **24** Vm. u. Ab. **25** Mitt. **28** bis Nm. — Nebelmeer: **3** Ab. (900 m). **3** 21½ h. **4** (2000, Ab. 2400 m). **5** 1900 bis 2000 m). **7** bis Nm. (16–1900 m). **11** Ab. (1600 m). **21** Nm. (24–3000 m). **22** bis Nm. (früh 700, später 400 m). **25** Vm. (teilw., 1000–2000 m). **26** (15–1600 m). **27** 1300 m). **28** 17–1900 m). — Ebene dunstig: **2** Ab. **3** Vm. **6** bis Nm. **14** (zeitw.). **19** Nm. **22** Ab. **24** Nm. — Alpen neblig: **3** Ab. **7** Vm. **24** 21½ h. **25** (teilw.). **28** 21½ h. — Ebene neblig: **3** Nm. **7** id. **24** Vm. **25** Nm. — **St. Gotthard.** Neuschnee: **1.** 45 cm; **2.** 10; **11.** 10; **17.** 15; **21.** 20; **24.** 20; **30.** 7; **31.** 25. — Totale Schneehöhe: **5.** 340 cm; **12.** 305; **19.** 285; **26.** 280.

Februar.

Bern. 25. Vm. früh Schneehöhe: 2.5 cm. — Alpen sichtbar Vm: **1** früh. **17** id. **27. 28.** — Alpen hell: **26.** — Alpen klar: **7** Vm. früh. **8. 20. 21. 24**; je Mitt.: **10. 18. 22. 23. 27. 28.** — **Neuchâtel. 8.** Mitt. Nebel auf dem See. **19.** Nm. W-Böen u. Ab. Joran. — Alpen sichtbar: **2. 23. 24.** — **Altdorf. 8.** u. **24.** je Nm. Föhn. **14.** Vm. früh neblig an den Bergen. **18.** Angeschneit bis Bürglen. **24.** u. **25.** Morgenrot. — **Zürich. 7.** Nm. u. **14.** dunstig. **8.** Vm. st. Dunst im Tal. **10.** Vm. Nebel auf der Station (bis 10 h Sichtweite: 50, 10–11 h: 100 u. 11–12 h: 200 m). **15.** Dächer angeschneit. **17.** Morgenrot; Vm. Tal neblig; doppelter Sonnenring von 23 u. 26°, sowie verkehrtes oberes Teilstück. **24.** Morgenrot; Vm. Tal Dunst. — Alpen sichtbar: **7** Nm. **21** Vm. **23** (Vm. teilw.). **26** Nm. — Alpen hell: **2** Vm. **8** id. **21** Nm. **27** id. (Voralpen). — Alpen klar: **22** Nm. **24** Vm. **26** id. **28** 17 h. — Cirri: **2** Nm. **7** id. **8** Vm. **14** Ab. **16** Vm. **20** id. **21. 22** Nm. **23** id. **24** Vm. **26** id. — Hochnebel: **3** Vm. **10** Nm. **11** Vm. — Schneegrenze: **1.** 500 m; **6.** 800; **15.** 550; **20.** 650. — **Rigi-Kulm. 4.** Vm. Nebelmeer (850 m). **6.** Id. (1000 m). — Neuschnee: **1.** 10 cm; **5.** 8; **12.** 9; **13.** 14; **18.** 11; **19.** 38; **20.** 20; **26.** 12; **27.** 8. — Totale Schneehöhe: **2.** 165 cm; **9.** 152; **16.** 161; **23.** 194. — **Bevers. 6.** Vm. Hochnebel (1900 m). **28.** 23 h Staublawine im Gravatscha-Tobel. — Neuschnee: **1.** 1.5 cm; **9.** 3; **11. 2; 13.** 1; **18.** 2.5; **19.** 2; **20.** 7; **21.** 0.5; **27.** 7; **28.** 2.5. — Totale Schneehöhe: **2.** 82 cm; **9.** 79; **16.** 77; **23.** 86. — Cirri: **3** Mitt. **4** Nm. **5. 10. 14** Mitt. **15** Ab. **16** Nm. **17. 21** Mitt. **23** Ab. **26** Mitt. **28** Ab.; je Vm. früh: **2. 11. 12. 23. 24. 25. 28.** — **Sitten. 22.** Neuschnee: 1.5 cm. — Dunst: **2** Nm. **5** Mitt. **7** id. **17** Vm. früh. — Cirri: **1** Ab. **5** Mitt. **6. 7. 8. 10. 21. 24** Ab. **26** Vm. früh. **27** Ab. **28** Mitt. — **Säntis. 2.** Eisansatz: 15 cm. — Morgenrot: **4. 6. 10. 21.** — Abendrot: **2. 5** (Dämmerungserscheinung). **20. 22.** — Neuschnee: **1.** 25 cm; **2.** 15; **5.** 5; **9.** 5; **13.** 5; **15.** 2; **16.** 15; **17.** 15; **18.** 30; **19.** 30; **20** 30; **22.** 15; **26.** 30; **27.** 15; **28.** 15. — Mittlere Höhe der Schneedecke: **2.** 400 m; **9.** 350; **16.** 360; **23.** 440. — Mittlere Höhe der Schneegrenze: **2.** 6–700 m; **9.** 7–800 m; **16.** 700 m. — Cirri: **2** Mitt. **3. 5** Mitt. **7** Nm. **14. 22** Nm. **23** Ab.; je bis Nm.: **4. 8. 10. 21. 24. 26.** — Alpen hell: **2. 3. 4. 5** Nm. **6. 7** Nm. **8 10. 11** Nm. **14. 16** Ab. **18** id. **20** 21½ h. **21. 22** Nm. **23** id. **24. 25** Vm. **26** Mitt. — Ebene hell: **2. 7** 21½ h. **8** Vm. **18** Ab. **21. 22** Nm. **23** id. **24. 25** Nm. **26.** — Nebelmeer: **3** (4–800 m). **4** (950–1500 m). **5** Nm. (1700 m). **6** (13–1400 m; 21½ h 1000 m). **8** bis 10 h (400 m). **10** (5–600 m). **11** Ab. **13** 21½ h. **14** (1500 m). — Ebene dunstig: **3** 21½ h. **7** Nm. **8** id. **11** Mitt. **14** 21½ h. **22** id. — Alpen neblig: **7** Mitt. **13** 21½ h. **15** id. **22** Mitt. **26** (zeitw.). — Ebene neblig: **15** 21½ h. **16** Ab. **20** 21½ h. — **St. Gotthard. 6.** Nebelmeer im südlichen Tal 16¼–17¾ h. — Neuschnee: **18.** 15 cm; **19.** 10; **26.** 13. — Totale Schneehöhe: **2.** 235 cm; **9.** 195; **16.** 170; **23.** 185.

März.

Bern. Alpen sichtbar: **3** Vm. früh. **4** id. **23** Mitt. (klar). **24** Mitt. — **Neuchâtel. 16.** Mitt. u. **27.** Vm. früh Dunst über dem See. **19.** Mitt. schwacher Nebel auf dem See und am Chaumont. **23.** Dichter Nebel auf dem See bis 9¼ h; Ab. Alpen sichtbar. **28.** Nm. st. Joran bis 20 h. — **Altdorf. 5.** Schnee bis zu 700 m herab. **11.** Vm. Nebel an den Bergen. **19.** Vm. früh id. — Föhn: **2** seit Ab. **3** Vm. **20/21** Nachts. **23.** — **Zürich. 7.** Morgenrot. **11.** Abendrot. **20.** Id. (schwach). — Neuschnee: **10.** 1; **12.** 1.5 cm. — Schneegrenze: **1.** 750; **13.** 600 m. — Alpen sichtbar: **3** Vm. früh. **7** 9½ h. **8** 11½ h (teilweise u. schwach). **20** Nm. (leicht). **22** Vm. (teilw.). **23** Nm. (Ab. klar). — Cirri: **1/2** Nachts. **8** Vm. **19** Ab. **20** Nm. **21** Mitt. **22** Nm. **23. 24. 25** Nm. **26. 27** Nm. **28** id. **31** Mitt. — Dunstig: **7** Vm. (intensiv) **9** Nm. (stark, im Tal). **13** Vm. **14** (Vm. stark). **15** Nm. **18** Vm. **20** Nm. **21** Ab. **22** Vm. (stark). **26** (id., im Tal). **27** gegen Mitt. **28** Vm. **31** Mitt. (stark, im Tal). — Tal neblig Vm.: **8. 24. 25. 27.** — Hochnebel: **5. 6. 17** Vm. **18** id. — Nebel auf der Station Vm.: **20** (400 m Sichtweite). **21** früh (300 m). **23** u. **26** (400 m). — **Rigi-Kulm.** Neuschnee: **3.** 12 cm; **4.** 14; **5.** 6; **8.** 9; **10.** 12. — Totale Schneehöhe: **2.** 198; **9.** 205; **16.** 200; **23.** 186; **30.** 147. — Nebelmeer: **16.** 1300 m; **17.** 1200; **18.** 1300; **19.** 1000. — **Bevers. 10.** Ab. Dunst im NE. **22.** Nebelmeer bis Waldgrenze (2200 m). **30.** Ab. Dunst. — Cirri: **8. 9** Ab. **16. 19** Ab. **20** Mitt. **21** Ab. **23. 24 25. 27** Nm. **29.**; je Vm. früh: **11. 12. 17. 28. 30.** — Neuschnee: **3.** 2.5 cm; **4.** 4; **6.** 0.5; **7.** 8; **15.** 1; **21.** 0.5. — Totale Schneehöhe: **2.** 91 cm; **9.** 85; **16.** 78; **24.** 70; **31.** 60. — **Sitten. 7.** Mitt. Schnee in den Bergen. **10/11.** Nachts Schneefall bis zu 800 m herab. — Cirri Vm. früh: **6. 9. 11. 19** Nm. **20. 23. 28. 30. 31.** — Dunst: **5** Mitt. **9** Ab. **14** Mitt. **17 18** Mitt. **19** id.; je Vm. früh: **6. 16. 20. 23. 26. 27.** — **Lugano.** N-Föhn: **4** Nm. **5. 6** bis Nm. **12** Nm. — **Basel. 1.** W₄ 10½–11½ h. — **Säntis.** Morgenrot: **7. 12. 20.** — Abendrot: **15. 19. 22. 25** (Dämmerungserscheinung). — Cirri: **7** Vm. früh. **11. 14** Vm. **15** Vm. früh. **16. 17. 19** Vm. **20. 21** Vm. **22. 23. 24. 25** Ab. **26** Vm. früh u. Ab. **27** Nm. **28. 30. 31** Vm. früh, Mitt. u. 21½ h. — Neuschnee: **1.** 20 cm; **2.** 2; **4.** 15; **5.** 15; **8.** 15; **10.** 5; **12.** 10; **15.** 4; **22.** 1; **29.** 10. — Mittlere Höhe der Schneedecke: **2.** 480 cm; **9.** 500; **16.** 480; **23.** 440; **30.** 350. — Mittlere Höhe der Schneegrenze: **2.** 800 m; **9.** 800; **16.** 900; **23.** 1000; **30.** 1100. — Alpen hell: **3** Vm. früh. **7** id. **8** Mitt. **13–27.** — Ebene hell: **22** 21½ h. **23. 24** bis Nm. **25** 21½ h. **26** Vm. früh. — Cirri: **7** Vm. früh. **11** id. u. Nm. **14** Vm. **15** Vm. früh. **16. 17. 19** Vm. **20. 21** Vm. **22. 23. 24. 25** Ab. **26** Vm. früh u. Ab. **27** Nm. **28. 30. 31** (zeitw.). — Nebelmeer: **3** Vm. früh (700 m). **6** Mitt. **11** bis 17½ h (2000–3000 m). **12** Mitt. (2400 m). **13** (1300; Ab. 1900 m). **14** Vm. 2000–2400 m). **15** (1400 m). **16** (14–1600 m). **17** (14–1500 m). **18** (1500 m). **19** bis 16½ h (1000–1200 m). **20** Vm. (6–700 m). **30** (1300 m). — Alpen dunstig: **18** Ab. **28** bis Nm. **30** Vm. **31** Vm. früh u. Mitt. — Ebene dunstig: **7** Vm. früh. **8** Nm. **18** Ab. **19** id. **20** Vm. früh u. Nm. **21. 22. 24** Ab. bis **28** Nm. **31** Vm. früh u. Mitt. — Alpen neblig: **6** Nm. **11** bis Nm. **12** 21½ h. **15** Mitt. **30** Nm.; je Ab.: **8. 20. 21. 22. 28.** — Ebene neblig: **6** Nm. **8** id. **12** 21½ h. **21** id. **28** Ab. — **St. Gotthard. 5** Ab. Nebelmeer bis zur Passhöhe. **29.** Vm. id. im Tal. — Neuschnee: **3.** 10 cm; **4.** 15; **8.** 3; **15.** 10. — Totale Schneehöhe: **2.** 172 cm; **9.** 160; **16.** 155; **23.** 130; **30.** 115.

April.

Bern. 19. Mehrmals Donner zwischen $16^1/_2$ u. 17^h. 23. $13^h 5$–40^m Donner in der Ferne. — Alpen sichtbar: 2 Vm. früh. 30 Vm. — Alpen hell Mitt.: 1. 6. 20. — Alpen klar: 11 Mitt. 12. 13 Vm. früh. 21. 22. 26. 29 Mitt. 30 id. — **Neuchâtel.** 5. Vm. früh Nebel auf dem See. 10. Id. (dicht). 12. Gewitter aus SW vorüber im S $17^1/_2$–$17^3/_4{}^h$. 27. Nebel am Chaumont bis Nm. — Joran: 14. 22 seit 17^h. 23. 25. 29. 30 je Ab. — **Altdorf.** Föhn: 6 Nm. 11 seit 20^h. 12. 20 s. Ab. 21 Vm. 26 Nm. — Nebel an den Bergen Vm. früh: 9. 17. 18. 27. — **Zürich.** 2. Bis $10^1/_2{}^h$ u. 9. Hochnebel. 10. u. 22. je Ab. Purpurlicht. 12. Staubsturm $19^h 10^m$–20^h. 23. $14^h 55^m$ Donner im S; $15^h 42^m$ Blitze im N; $15^h 38^m$ Do. im SE; $15^h 42^m$–$16^h 36^m$ Gewitter aus WNW nach NE u. $16^h 33^m$ einzelne Hagelkörner. — Abendrot: 4. 21. 25 (schwach). — Schneegrenze: 4. 1000^m; 11. 1200^m; 17. 800^m (Neuschnee). — Alpen sichtbar: 5 Ab. (teilw.). 6 Vm. (schwach). 10. 16^h (tw.). 20 16^h. 21 Vm. (tw.). 26 id. (schwach). — Alpen hell: 6 15^h. 12 Vm. 20 $17^1/_2{}^h$. — Alpen klar: 21 Ab. (tw.).: 11. 12. 22. 26 je Nm. — Cirri: 3 Vm. u. Ab. 4 6 Ab. 7 Vm. 10 14^h. 11. 12. 20 Vm. 25 Ab. 26 Nm. 30 id. — Dunstig: 5 Mitt. 10 Nm. 24 Vm. 25 id. — Dunst im Tal Vm.: 5. 6 (stark). 21. — Tal neblig Vm.: 7. 11. 12. 20. 23. 26. — **Rigi-Kulm.** 9. Vm. früh Nebelmeer (1300^m). 18. Id. (1800^m). — Neuschnee: 14. 4^{cm}; 15. 18; 16. 13; 17. 29; 18. 8; 24 5; 28. 6. — Totale Schneehöhe: 6. 104^{cm}; 13. 76; 20. 127; 27. 82. — **Bevers.** 2. Ab. Hochnebel (1900^m). 8. Vm. früh Nebel im Tal. 12. Mitt. Lawinen. 18. Ab. Blitze im SE. 26. Talsohle zur Hälfte schneefrei. 28. Neuschnee bis zu 1900^m herab. — Neuschnee: 8. 1^{cm}; 9. 1; 14. 2; 15. 2.5; 16. 1; 17. 8; 18. 1; 20. 9; 22. 6; 29. 1. — Totale Schneehöhe: 6. 40^{cm}; 12. 30; 20. 24. — Dunst Ab.: 4. 6–9. — Cirri: 4. 11. 22 Ab.; je Vm. früh: 3. 7. 8. 12. 19. 24. — **Sitten.** 1. Vm. früh Schnee an den Bergen. 9. Vm. früh Hochnebel. — Dunst: 2 bis Nm. 8 Ab. 9 Nm. 10 Vm. früh. — Cirri: 1 Ab. 3. 5. 22. 25 Vm. früh. 29 Ab.; je Mitt.: 2. 9. 11. 18. 20. 30. — **Lugano.** N-Föhn: 14 seit Ab. 15 bis Nm. 17. — **Basel.** 12. Gewitter von SW–NE $18^3/_4$–19^h. 13. Id. im NE $20^h 5^m$. 16. $17^h 23^m$ Donner. — **Säntis.** 13. Ab. Blitze im NE. 18. Morgenrot. — Abendrot: 2 (u. Dämmerungserscheinung). 11 (id.) 18 (stark). 22. — Cirri: 2 Vm. früh. 3 id. u. Ab. 4. 6. 7 Vm. 9–13 Nm. 18 Ab. 21 Mitt. 22 Vm. früh u. Nm. 26. — Neuschnee: 9. 2^{cm}; 14. 8; 15. 25; 16. 35; 17. 30; 18. 10; 19. 5; 20. 10; 24. 5; 28. 5; 30 5. — Mittlere Höhe der Schneedecke: 6. 300^{cm}; 13. 240; 18. 300; 20. 300; 27. 260; 30 240. — Mittlere Höhe der Schneegrenze: 6. 1000^m; 13. 1100; 18. 900; 20. 950; 30. 1300. — Alpen hell: 1 $21^1/_2{}^h$. 2. 3 Vm. früh u. $21^1/_2{}^h$. 4. 5 $21^1/_2{}^h$. 6. 7 Vm. u. $21^1/_2{}^h$. 9 bis Nm. 10. 11. 12. 13 (teilw.). 18. 22 Vm. früh u. Ab. 25 Vm. früh u. $21^1/_2{}^h$. 26. 30 Vm. früh. — Ebene hell: 1 $21^1/_2{}^h$. 3 Vm. früh u. $21^1/_2{}^h$. 4. 5 $21^1/_2{}^h$. 6. 7. 10–13. 20 Nm. 21 bis Nm. 22 Vm. früh u. Nm. 25 $21^1/_2{}^h$. 26. 31 Vm. früh. — Nebelmeer: 2 (12–1400^m). 9 (13–1500^m). 18 (Vm. 1800 bis 2000, Nm. 15–1600^m). 20 10^h u. Ab. 21 Vm. früh (Bodensee). 25 Vm. früh (500^m). — Ebene dunstig: 3 Ab. (u. Alpen). 4 Ab. 6 Vm. früh. 10 $10^1/_2{}^h$. 11 Vm. früh. — Alpen neblig: 1. 2 Ab. 4 Nm. (tw.). 6 id. 7 $10^1/_2{}^h$ u. Ab. 9 Ab. 13 $10^1/_2{}^h$. 18 $21^1/_2{}^h$. 20. 21. 22. — Ebene neblig: 1 Nm. 13 $21^1/_2{}^h$. 18 id. 20 $10^1/_2{}^h$. 21 Ab. 22 Vm. u. $21^1/_2{}^h$. — **St. Gotthard.** 9. Ab. Nebelmeer im südl. Tal. — Neuschnee: 7. 3^{cm}; 9. 15; 13. 4; 14. 35; 15. 30; 17. 7; 20. 20; 21. 20; 22. 42; 27. 22. — Totale Schneehöhe: 6. 104^{cm}; 13. 105; 20. 155; 27. 138.

Mai.

Bern. Alpen sichtbar: 15 Mitt. 17 Vm. früh. 19. 20. 21 Mitt. 29. — Alpen hell: 4 Vm. früh. 9 id. 14. 23 Mitt. 31 Vm. früh. — Alpen klar: 1–4. 5 Mitt. 6–8. 11–13. 16 Vm. früh. 18 Mitt. 19. 20. 29 je Vm. früh. 31. — **Neuchâtel.** 7. Nm. zeitweise W-Böen. 25. u. 27. je Vm. früh Nebel am Chaumont. 31. Vm. früh dichter Nebel auf dem See. — Alpen sichtbar: 1. 2. 11 Ab. 12 Vm. 13. 16 Vm. früh. — Joran: 3 Ab. 17 23–24h. 18 seit Ab. 23 id. 27 Ab. 31 s. Ab. — **Altdorf.** 26. u. 31. je Vm. früh Nebel an den Bergen. — Föhn: 5 Ab. (schwach). 11/12 Nachts. 12 bis Nm. 16 Vm. 27 seit $21^1/_2{}^h$. — Schneegrenze: 11. 900; 13. 800; 18. 700^m. — **Zürich.** 2. Vm. dunstig. 3. 15^h Donner aus NE u. $20^1/_2{}^h$ Blitze im SW. 21. Do. aus E $15^h 30$ u. 45^m. 23. Vm. Dunst im Tal. 24. Intensives Gewitter von NW nach SE $15^h 9^m$ bis $16^1/_4{}^h$ (häufige Blitzschläge). 24. u. 31. je Vm. Tal neblig. 25. Donner $16^h 10^m$. — Abendrot: 12. 15. 18 (Purpurlicht). 28 (stark). 30. — Schneegrenze (Neuschnee): 1. 1300^m; 10. 900; 13. 850; 17. 700. — Alpen sichtbar: 1. 2. 3 je Vm. 7 Nm. 8 Vm. (schwach). 11 19^h. 29 Vm. (teilw.). 30 Ab. (id.). 31 Vm. (tw.). — Alpen klar: 1 Nm. 2 id. 13 Ab. (hell). — Cirri: 3. 4. 5 Vm. 6 id. 7 Mitt. 8 Nm. 11 id. 12 Vm. 13 Ab. 16 Vm. 27. 29. 31 Nm. — **Rigi-Kulm.** Neuschnee: 4. 34^{cm} (total); 11. 4; 13. 11; 15. 13; 27. 2. — Tal neblig: 18 Vm. früh 20 id. (teilw.). 23 Nm. 25 Vm. 28 Vm. früh. 29 id. 31 bis Nm. — **Bevers.** 26. Neuschneegrenze: 2000^m. 28. Vm. st. SW. 29. Neuschnee bis 2200^m. — Neuschnee: 11. 11^{cm}; 13. 0.2; 15. 2; 18. 0.2; 20. 3.5. — Cirri: 1 23^h. 2 Vm. früh. 3. 4. 6. 7 Vm. 9 Vm. früh. 11 Mitt. 12 id. 13. 16. 17 Mitt. 18 id. 19 Vm. früh (Polarbanden aus SW). 21 Mitt. 25 Vm. früh. 27 Ab. 29 Vm. 30 Ab. — **Sitten.** Dunst: 6. 12. 17 je Vm. früh. 23 bis Nm. — Cirri: 3. 11 Ab. 13. 16 Ab. 17. 27 Mitt. 31.; je Vm. früh: 4. 6. 19. 20. 21. 29. — **Lugano.** N-Föhn: 10 seit Ab. 11 Vm. 18 $8^1/_2$–$13^1/_2{}^h$. — **Basel.** 6. Abendrot $19^3/_4$–20^h auf Cirri. 31. Gewitter von SW–NE $22^h 40^m$–$23^1/_2{}^h$. — **Säntis.** 8. Ab. Blitze im N. 13. Vm. früh Ebene starker Reif. 21. $15^1/_2{}^h$ Donner aus N. — Morgenrot: 1. 2 (stark). 6. 8. — Abendrot: 1. 8 (stark). 13 20. — Dämmerungserscheinung Ab.: 1. 8 (Ebene grossartiges Lichtermeer). 30. — Neuschnee: 11. 35^{cm}; 15. 30; 18. 5; 20. 2; 22. 5; 25. 5; 27. 5; 29. 5. — Mittlere Höhe der Schneedecke: 1. 250^{cm}; 4. 240; 11. 180; 18. 180; 25. 140; 31. 80. — Mittlere Höhe der Schneegrenze: 1. 1400^m; 4. 1400; 11. 1500; 13. 7–800; 18. 7–800; 25. 1600; 31. 1700. — Cirri: 1 Vm. u. $21^1/_2{}^h$. 2 Vm. früh. 4 Nm. 5 bis Nm. 6 Vm. und $21^1/_2{}^h$. 7. 8 Vm. früh u. Nm. 12 bis Nm. 13 id. 14 Vm. früh. 16 Vm. 23 id. 27 $21^1/_2{}^h$. 28 Vm. 29 id. 30 Vm. früh u. $21^1/_2{}^h$. 31. — Alpen hell: 1. 2. 3 bis Nm. 4 $21^1/_2{}^h$. 5. 6 Ab. 7. 8 Nm. 9 Vm. früh. 11 Ab. 12. 13 (zeitw.). 14 Vm. 15 id. u. $21^1/_2{}^h$. 16 Vm. 20 Vm. früh. 23 id. 26 $10^1/_2{}^h$. 27 $21^1/_2{}^h$. 28 Vm. früh. 29 bis Nm. 30 $21^1/_2{}^h$. 31. — Ebene hell: 1. 2. 3 Mitt. 4 $21^1/_2{}^h$. 5. 6 Vm. früh u. Ab. 7. 8 $21^1/_2{}^h$. 9 Vm. 11 Ab. bis 14 Vm. 15 $21^1/_2{}^h$. 16 Vm. 18 Mitt. 19 $10^1/_2{}^h$. 20 Vm. 23 Vm früh. 27 $21^1/_2{}^h$. 28 id. 31 id. — Nebelmeer: 15 Vm. (2000–2300^m). 16 Vm. früh (Bodensee). 18 Mitt. (2400^m). 19 Vm. früh (2000–2500^m). 20 id. (teilw., 400^m). 25 $10^1/_2{}^h$. 28 Vm. (2000–2400^m). 29 bis Nm. (4–600^m). 30 Vm. früh (2000–2500^m) u. $21^1/_2{}^h$ (1600^m). 31 (1500^m). — Alpen dunstig: 6 bis Nm. 7 Ab. 8 Vm. 9 $10^1/_2{}^h$. — Ebene dunstig: 3 $10^1/_2{}^h$. 4 Nm. 6 bis Nm. 7 Ab. 8. — Alpen neblig: 4 Nm. 13 $10^1/_2{}^h$. 15 Mitt. 19 Vm. 20 $10^1/_2{}^h$. 23 id. 28 id. u. $21^1/_2{}^h$. — Ebene neblig: 1 Vm. früh. 11 $16^1/_2{}^h$ (Appenzell). 12 Mitt. (id.). 15 Mitt. 18 id. 23 $10^1/_2{}^h$; 25 id. (Appenzell). 28 Vm. früh. 30 id. 31 Nm. — **St. Gotthard.** 15. Vm. Nebel bis zur Passhöhe. — Totale Schneehöhe: 4. 120^{cm}; 11. 98; 18. 120; 25. 95. — Neuschnee: 11. 15^{cm}; 13. 15; 15. 20; 17. 22; 26. 8; 27. 7; 28. 20; 29. 25.

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Bern. 3. $21^1/_2{}^h$ Gewitter in der Ferne. — Alpen sichtbar: 1 Vm. 2 Mitt. 4 Vm. früh. 9 Vm. — Alpen hell: 1 Mitt. 3 Vm. früh. 6 Mitt. 10. 17 Mitt. — Alpen klar: 8. 9 Mitt. 13 Vm. früh. 24 id. — **Neuchâtel.** 3. Nm. Gewitter im NW u. seit 20^h nach allen Richtungen. 16. Gew. im NW u. SW $16^1/_4$–$17^1/_2{}^h$. 25. Id. im SW 16–18 u. im NE $19^1/_2$–$20^1/_2{}^h$. — Joran Ab.: 1. 5. 7. 10. 11. 12. 16. 26 Nm. 27. — **Altdorf.** 5. u. 18. Schneegrenze: 800^m. 8. Morgenrot 5^h. 24. Vm. früh Cirri. — Nebel an den Bergen: 4 Mitt. 6 Vm. früh. 22 id. — **Genf.** Gewitter: 2 Nm. (im W). 3 $14^h 20^m$ (im E), $18^h 7^m$ u. $20^1/_2{}^h$ (W). 24 18^h (W). 25 $12^h 32^m$ (id.). — **Zürich.** 1. Schneegrenze: 1550^m. 5. Donner im S $16^h 7^m$. 8. Abendrot. 25. Vm. u. 30. Vm. früh Tal neblig. — Gewitter: 4 $10^1/_4{}^h$–$10^h 35^m$ (von W-SW nach E). 25 $19^h 17^m$ bis $20^h 28^m$ (v. S n. NW). 29 $17^h 55^m$ (W–E). — Alpen sichtbar: 1 Vm. (teilw.). 8 Nm. (schwach). 13 Vm. (teilw. u. schwach). — Cirri: 2 Vm. u. Ab. 8. 9. 10. 20 Vm. 22. 28 Nm. 30 id. — Dunstig Vm.: 8. 9. 13 (See u. Limmattal). 22 (Tal). 24 Nm. 25 gegen Mitt. (Tal). 26 (stark). 28. 29 (Nm. leicht). 30. — **Rigi-Kulm.** 8. Vm. früh u. 24. Bis Nm. Tal neblig. — Neuschnee: 5. 12^{cm}; 6. 7; 8. 10 (total); 18. 5; 19. 8. — **Bevers.** 2. Nm. Gewitter aus W. 25. Ab. id. — Neuschnee: 5. 4.5; 18. 5^{cm}. — Schneegrenze: 6. 1850^m; 8. 2000; 16. 2200; 17. u. 19. 1900; 20. 2200; 27. 2300 (Gipfelschnee). — Cirri: 3. 5 Ab. 6 Vm. früh. 7 Ab. 9 Nm. 10 Vm. früh. 12. 13 Vm. früh. 15 Nm. 19 Vm. früh. 20.; je Mitt.: 8. 14. 16. 22. 24. 30. — **Sitten.** 17. Ab. Schneegrenze: 1500^m. 18. Schnee auf den Bergen. — Dunst: 9. 10. 11. 28. 30. — Cirri: 2 Vm. früh. 3. 9 Ab. 12. 24.; je Mitt.: 5. 6. 8. 11. 15. 19. 22. — **Lugano.** N-Föhn: 5 Nm. 7 seit 10^h. 12 bis Nm. 14 Ab. 17 s. 2^h. 18. 23 Ab. — **Basel.** Donner: 3 $17^h 5$–40^m (im SE). 16 16^h. 25 $16^h 10$–40^m (im SW u. E). — **Säntis.** Abendrot: 2 (und Dämmerungserscheinung). 8. 30. — Gewitter: 12 $15^1/_2{}^h$ (Donner im E). 25 $11^h 12^m$, $14^h 40^m$, 16^h u. $18^1/_2{}^h$ (später Blitze im N). 29 $11^h 5^m$, $16^h 5^m$ u. $17^h 20^m$. — Cirri: 2 $21^1/_2{}^h$. 3 $10^1/_2{}^h$. 8 Nm. 9. 10 Vm. früh. 15 Nm. 24. 27 $21^1/_2{}^h$. 28 bis Nm. 29 Vm. früh. 30 $21^1/_2{}^h$. — Neuschnee: 1. 2^{cm}; 5. 30; 6. 10; 7. 35; 8. 10; 15. 10; 16. 10; 17. 35; 18. 30; 19. 20; 20. 10; 21. 5; 27. 12; 30. 12. — Totale Schneehöhe: 1. 80^{cm}; 15. 80; 17. 120; 22. 120; 29. 80. — Mittlere Schneegrenze: 1. 1700; 17. 1500; 29. 1800^m. — Alpen hell: 2 $21^1/_2{}^h$. 3 Vm. früh. 7 $21^1/_2{}^h$. 8. 9. 10 Vm. früh u. $21^1/_2{}^h$. 12 $21^1/_2{}^h$. 13 Vm. früh. 15. 24. 27 $21^1/_2{}^h$. 28. 29 Vm. früh. 30. — Ebene hell: 3 Vm. früh. 7 $21^1/_2{}^h$. 9 (teil- u. zeitweise). 10 Vm. früh. 12 $21^1/_2{}^h$. 15 Mitt. (teilw.). 24 Vm. 27 $21^1/_2{}^h$. 28. 30. — Nebelmeer: 3 Vm. früh (Bodensee). 8 id. (tw., 5–600^m). 21 Vm. (22–2300^m). 24 (Vm. früh 800^m, dann 2000–2400^m). — Alpen Dunst: 2 $10^1/_2{}^h$. 3 Ab. 10 bis Nm. (leicht). — Ebene dunstig: 2 $10^1/_2{}^h$ (Appenzell) u. $21^1/_2{}^h$. 3 Ab. 8. 9 $10^1/_2{}^h$ u. $16^1/_2{}^h$. 10. 13 Vm. früh. 30 id. — **St. Gotthard.** 30. Strasse schneefrei. — Neuschnee: 5. 3^{cm}; 6. 3; 7. 4; 15. 3; 16. 2; 17. 3; 18. 10; 19. 10; 21. 5. — Totale Schneehöhe: 1. 110^{cm}; 8. 80; 15. 30; 22. 15; 29. 5.

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Bern. 8. Gewttter in der Ferne 21^h. **15.** Id. $17^1/_2$–$18^1/_4{}^h$; $21^1/_4{}^h$ Donner im Zenith. — Alpen sichtbar: **15** (hell). **20. 21** je Vm. früh. **23** Mitt. Alpen klar: **14. 28** Mitt. **30. 31.** — **Neuchâtel. 8.** Gewitter im NE nach SE zwischen 17 u. 18^h; Ab. Blitze im SE. **12.** Nm. Gew. im N. **15.** Ab. ringsum Blitze. **18.** Nebel am Chaumont. — Joran: **9** Ab. (u. W-Böen). **15** id.; je Ab.: **17. 19–25. 27.** — **Zürich. 1.** 19^h53^m Blitze im NE. **3.** Vm. u. **23.** Vm. früh Tal neblig. **9.** 21^h38–50^m ferne Blitze im SW. **23.** Nm. Bishop-Sonnenring (bräunl.). **24** Vm. früh Donner. — Gewitter: **15** 17^h55–59^m (im S). **22** Nm. (zwei kurze Gew. aus WNW im N vorüberziehend nach ESE) u. 17^h8–15^m (v. NW n. SE). **24** 14^h47^m bis 15^h5^m (v. W. n. E vorüber im SW) u. 15^h44^m bis 16^h7^m (von (SW–SE). **31** seit $21^1/_2{}^h$ (v. WSW–SE). — Purpurlicht Ab.: **5. 6. 19. 20.** — Abendrot: **19. 23** (stark). **27** (id.). **30.** — Alpen sichtbar: **9** Ab. **10. 12.** Ab. **17** Vm. **28** id. **30** Nm. **31** id. — Alpen hell: **14** Vm. früh. **28** Nm. **30** Vm. (klar). **31** Vm. — Schneegrenze: **12.** 1900; **30.** 2300 m. — Cirri: **2** Vm. **10–14. 19. 23** Ab. **28** Nm. **30. 31.** — Dunstig Vm.: **4** (stark). **5. 6** (leicht). **9. 10. 11. 13** Nm. (Horizont). **20. 21. 23** (stark). **28** früh. — **Rigi-Kulm. 8.** Vm. früh Tal teilweise neblig. **13.** Ab. Winterschnee auf Kulm gänzlich geschmolzen. — **Bevers. 10.** Donner im NE 17^h. $14.$ 20^h intensives, farbiges Abendleuchten im SW; Ab. Gewitter aus W. **29.** 12^h20^m Donner. — Dunst: **6** seit Ab. **23. 31.** Ab. — Cirri: **1. 5** Mitt. **6** Nm. **10** Ab. **12. 13. 14. 19** Nm. **23. 26** bis Nm. **27** Nm. **28** id. **31** Ab.; je Vm. früh: **2. 15. 17. 20. 24. 25. 30.** — **Sitten. 7.** 17^h einzelne Donner. **13.** $15^1/_2{}^h$ ferner Do. **31.** Ferngewitter $20^1/_2$–21^h. — Dunst: **3** Ab. **7. 9. 11. 12. 13. 26.**; je Vm. früh: **1. 6. 8. 10. 22. 26.** — Cirri: **4** Ab. **8** Vm. früh. **12** Ab. **13. 15** Vm. früh. **17. 19** Ab. **20 21** Nm. bis **25. 26** Ab. **27. 28** Nm. **29** id. **30. 31**; je Mitt.: **1. 6. 7. 9. 10. 14. 16.** — **Lugano. 27.** N-Föhn $5^1/_2$–$16^1/_2{}^h$. — **Basel. 31.** Gewitter von SW–E 19^h55^m–22^h58^m. — **Säntis. 6.** Höhe der Schneedecke am Gipfel: 40 cm u. mittlere Schneegrenze: 1900 m. **8.** Gipfel schneefrei. **9.** Ab. Blitze im SW. **14.** Gewitter im S $18^1/_2{}^h$. **22.** Do. im W $10^1/_4{}^h$. **31.** Mittlere Schneegrenze: 2500 m. — Abendrot: **6** (stark). **7** (schwach). **10** (intensiv). **12** (id.). **20.** — Cirri: **11** $21^1/_2{}^h$ bis **15** Vm. **22** Mitt. **23** Ab. **28. 30** Mitt. **31** bis Nm.; je Vm.: **1. 6** früh. **9. 10** früh. **11** $10^1/_2{}^h$. **18** id. **29** früh. — Alpen hell: **1** bis Nm. **3** Nm bis **6** Vm. u. $21^1/_2{}^h$. **8** $21^1/_2{}^h$ bis **12** Vm. früh u. Ab. **13** Vm. **14. 15** Ab. **21. 23** Ab. **28** Vm u. $21^1/_2{}^h$. **30** Vm. früh. **31.** — Ebene hell: **1** bis Nm. **3** Nm. **4. 5. 8** (Appenzell). **9. 10** Vm. u. Ab. **11–14** Vm. u. $21^1/_2{}^h$. **15** (Appenzell). **16** $10^1/_2{}^h$. **18** $21^1/_2{}^h$. **21. 23** $21^1/_2{}^h$. **28** id. **30** Vm. früh u. Mitt. **31.** — Alpen dunstig: **7** Vm. früh u. $21^1/_2{}^h$. **8. 12** (zeitw.). **13** Nm. **14** Vm. früh (tw.). **15** bis Nm. **16** $10^1/_2{}^h$. **20** $21^1/_2{}^h$. **22** Vm. früh. **23** $21^1/_2{}^h$. — Ebene dunstig: **5** $21^1/_2{}^h$. **6. 7** Vm. u. $21^1/_2{}^h$. **8. 9** Mitt. (tw.). **12** Mitt. **13** Vm. früh u. $21^1/_2{}^h$. **14.** Vm. früh u. Nm. **15** bis Nm. **16** $10^1/_2{}^h$ (Appenzell). **20** Vm. früh u. $21^1/_2{}^h$. **22** bis Nm. **23** Ab. **28.** — Alpen neblig: **5** Ab. **6** Nm. **7** id. **8** Mitt. **20** bis Nm. **22** id. **23** $10^1/_2{}^h$. **28** Nm. **29** Vm. früh. **30.** Mitt. **31** $21^1/_2{}^h$. — Ebene neblig: **7** Nm. **10** Mitt. **20** bis Nm. **23** $10^1/_2{}^h$. **28** Mitt. **29** Vm. früh. **31** Mitt. — **St. Gotthard. 1.–5.** Boden stellenweise schneebedeckt. **7.** Strasse schneefrei. **27.** Vm. früh Nebelmeer bis zur Passhöhe u. Ab. im nördl. u. südlichen Tal.

August.

Bern. 21. 4^h40^m bis 6^h5^m Ferngewitter. — Dunst Vm. früh: **8. 9. 10** (u. Ab.). **11–14.** — Alpen sichtbar: **4** Ab. **7** Vm. **10** Ab. — Alpen hell: **5** Vm. **8. 9** Vm. früh. **14. 17. 28** je Mitt. — Alpen klar: **2. 5** Mitt. **6. 7** Mitt. **8** id. **9. 10. 18. 20** Mitt. **21. 23. 24** Vm. früh u. Ab. **26** Mitt. **27** bis Nm. **29.** — **Neuchâtel. 26.** Mitt. Cirri. — Alpen sichtbar: **1** Ab. **2** Vm. **6. 21** (u. Montblanc). **23** (id.). **24. 26** (Mt. Bl.). **27** id. **28. 29** (Mt. Bl.). **30** Ab. — Joran Ab.: **1. 3. 7** seit $17^1/_2{}^h$. **8** id. **10** s. 16^h. **11. 13. 14. 15. 17. 30** Vm. früh. — **Altdorf. 24.** Bis Nm. Föhn. — **Zürich. 2.** u. **6.** je Vm. Tal Dunst. **11.** Ab. ferne Blitze im E. — Gewitter: **3** 17^h16–28^m (im S vorbeiziehend aus SW nach E). **15** 17^h52^m–18^h53^m (von W nach E; 18^h6^m Sturm u. 18^h8–11^m Hagel) u. 21^h53–58^m (im N vorüber). **22** 7^h22^m–8^h2^m (von W–E; seit 6^h Donner) u. 16^h45–48^m (im W). — Abendrot: **2. 3. 7. 8** (stark). **11. 12. 20** (stark). **24. 30.** — Purpurlicht Ab.: **4. 5. 14** (schwach). **21. 28.** — Alpen sichtbar: **1. 2. 9. 28** je Nm.; **5. 6** (schwach). **10** (id.). **18. 21** je Vm. — Alpen hell: **7** Vm. **21** Nm. **23** Vm. **29.** — Alpen klar: **6** $17^1/_2{}^h$. **23** Nm. **26** id. **29** Ab. — Cirri: **2. 4** Ab. **6** Nm. **7. 8** Nm. **10** Ab. **12** Nm. **14** Ab. **16** Nm. **21** Ab. **26** Nm. **28** Ab. **29.**; je Vm.: **3. 4. 11. 17. 18. 24. 27.** — Dunst: **8** Vm. **9** id. **10** (Nm. leicht). **11** Vm. **13** (schwach). **15** Nm. (id.) **17** Vm. (id.). — Tal neblig Vm.: **2** (Zürichsee). **14. 21** 8–9^h. — **Rigi-Kulm.** Tal neblig: **12** Nm. **13** Vm. früh. **26** bis Nm. — **Bevers. 11.** Intensives Abendrot. **15.** Nm. Dunst. **19.** Neuschnee bis ca. 2400 m. **23.** Bis 10^h Nebelkranz (1900 m); Ab. Gipfel schneefrei. **24** Ab. Gipfel Neuschnee. **25** Vm. id. (bis 2300 m). — Cirri: **2. 6** Ab. **7** Mitt. **11** Ab. **16** Nm. **17. 18. 26. 27. 28** Ab. **30** id.; je Vm. früh: **12. 13. 22. 23. 24. 29. 31.** — **Sitten. 15.** $21^1/_4{}^h$ ferner Donner u. Blitze. — Cirri: **4** bis Nm. **12** Nm. **17** Vm. früh. **23** bis Nm. **28** Ab.; je Mitt.: **1. 2. 7. 11. 15. 16. 18. 19. 20. 30.** — Dunst: **5–9** je bis Nm. **10. 11** bis Nm. **12–15** Nm. **21. 23** Ab. **26** Vm. früh. **27** bis Nm. **29.** — **Lugano. 15.** Ab. häufige Blitze im E u. schwacher Donner. — N-Föhn: **15** $18^1/_2$–$21^1/_2{}^h$. **16** Ab. **19** bis 22^h. **24** 20–$23^1/_2{}^h$. **25.** — **Basel. 11.** Gewitter von SW nach NE 6^h45–55^m u. 7^h12–24^m. **15.** 18–$18^1/_2{}^h$ Gew. im W–N (6^h12–16^m Hagel: nussgross) u. 7^h25^m Donner. — **Säntis. 11.** 14^h Donner im N. **15.** 15^h id. im S. **16.** 20^h50^m Blitze im S. **20.** Ab. prachtvolle Farbenstimmungen. **24.** Id.; Abendglühen. **28.** Eisansatz: 15 cm. — Abendrot: **5** (u. Dämmerungserscheinung). **14** (stark). **21** (intensiv tiefrot). — Neuschnee: **19.** 1 cm; **20.** 3; **25.** 2; **28.** 2. — Alpen hell: **1. 3** Vm. früh. **4** (teilw.). **5. 6. 7. 8** $21^1/_2{}^h$. **9. 10. 12** $21^1/_2{}^h$. **13. 14** bis Nm. **17** (tw.). **18** bis Nm. **21. 23. 24** Vm. (tw.). **26. 27** bis Nm. **29. 30** Vm. früh u. $21^1/_2{}^h$. — Ebene hell: **1** $21^1/_2{}^h$. **2. 3** Vm. früh. **5. 6. 7. 8** Nm. **9. 10. 12** $21^1/_2{}^h$ bis **15** Nm. **16** $21^1/_2{}^h$. **17. 18** bis Nm. **21. 23. 24** Vm. **26** Vm. früh u. Nm. **27** bis Nm. **29. 30** Vm. früh u. $21^1/_2{}^h$. **31** id. — Nebelmeer: **4** bis Nm. (1900–2000 m). **26** $10^1/_2{}^h$ (id.). **30** Ab. (1500 m). **31** Vm. (id., Rheintal). — Cirri: **2. 3** Vm. früh. **4. 6. 7** Vm. früh u. Nm. **8** Nm. **9** Vm. früh. **10** Nm **12. 13** Vm. **15. 17** Vm. früh. **18** Vm **21** Vm. früh. **23. 24** Vm. **26. 27. 29.** — Alpen dunstig: **8. 11** Vm. (stark). **13** Mitt. **14** Ab. **15** bis Nm. **16** $21^1/_2{}^h$. **31** Vm. früh. — Ebene dunstig: **11** Vm. **13** Mitt. **15** $10^1/_2{}^h$. — Alpen neblig: **4** Mitt. **12. 17** Ab. — Ebene neblig: **4** Ab. **8** $10^1/_2{}^h$. **12. 17** Ab. **26** Vm. — **St. Gotthard. 15.** Bis $16^1/_2{}^h$ Nebelmeer in den südlichen Tälern.

September.

Bern. Alpen hell: **3** Vm. früh. **13** id. **20** bis Nm. (sichtbar). **21** Vm. früh. **27** Vm. — Alpen klar: **2** Vm. früh. **20** id. **22** Mitt **23** bis Nm. **24** Mitt. **25** bis Nm. **27** Mitt. **28** id. **29. 30.** — **Neuchâtel. 1.** Nm. u. **24.** Alpen sichtbar. **13.** Ab. Blitze im S. **28.** Vm. früh Seenebel. — Joran: **4** Ab. **5** id. **6** seit Ab. **7** Ab. — **Altdorf. 7.** Vm. früh Nebel an den Bergen. — Föhn: **14. 17. 23** Vm. — **Zürich. 2.** Ab. schöner Sonnenring mit zwei Nebensonnen. **4.** $13^3/_4{}^h$ Donner im W. **9.** Hochnebel 9–12^h. **12.** 17^h11^m u. 18^h3–6^m Donner im N, dann zeitweise Blitz u. Do. (l. Gew.) bis Nachts. **15.** Intensives Morgenrot. — Abendrot: **13. 21** (Purpurlicht). **24. 30** (st. Purpurlicht). — Schneegrenze: **19.** 1700 m; **21.** 1400; **25.** 1900. — Alpen sichtbar: **13** Ab. **14** (schwach). **17** Nm. **25** Vm. **27** Nm **28** id. **29** Vm. (schwach). **30** Vm. — Alpen hell: **19** Nm. (teilw., Voralpen). **20** Vm. (tw.). **21** Vm. (klar). **21** Ab. **25** Nm. — Cirri: **2. 6. 10. 11. 14. 23** Vm. **29.**; je Nm.: **9. 17. 19. 22. 24. 25. 27. 28.** — Dunst: **7** Nm. (leicht). **8** Mitt. **9** Nm. (stark). **12** Vm. (Tal). **13** Nm. (leicht). **16** Mitt. (id.). **17** id. **25** Mitt. **26** bis $9^1/_2{}^h$ (Tal). **28** Nm. **29** id. — Tal neblig Vm.: **5** (früh stark). **6. 7. 10. 14–17. 25** früh (stark). **25. 27. 29.** — **Rigi-Kulm. 9.** Vm. früh Nebelmeer: 900 m. **21.** $11^1/_2{}^h$ Sturm (Zyklon). — Tal neblig: **2. 6** Vm. früh. **7** id. — **Bevers. 2.** u. **12.** je Vm. früh Talnebel. **11.** Seit $16^1/_4{}^h$ Donner. — Neuschnee: **20.** 1; **21.** 0.5; **24.** 5 cm. — Schnee auf den Berggipfeln: **1. 2** (2000 m). **19** (2400 m). **28** (2000 m). — Cirri: **2. 4** Mitt. **5** Vm. früh. **6. 9. 10** Nm. (Polarbanden). **11. 12. 13** je Vm. früh. **14. 20** Vm. früh. **21** id. **22. 23** Mitt. **26** id. **28. 29. 30** Vm. früh. — **Sitten. 2.** u. **16.** Cirri. **21.** Neuschnee bis 1400 m herab. — Dunst: **5–13** Vm. früh **26–30** Vm. früh. — **Lugano. 13.** Ab. Gewitter im SE-SW. — N-Föhn: **1** seit $10^1/_2{}^h$. **4** $10^1/_2$–$18^1/_2{}^h$. **24** Nm. — **Basel. 1.** 18^h40^m Blitze im S. **16.** Donner $15^3/_4{}^h$. **21.** Gewitter im SW 11^h8–20^m. — **Säntis. 4.** Starkes Abendrot. **29.** u. **30.** Abendrot u. Dämmerungserscheinung. — Neuschnee: **1.** 5 cm; **2.** 15; **19.** 15; **20.** 10; **21.** 20; **24.** 15. — Mittlere Höhe der Schneedecke: **1.** 20 cm; **21.** 30; **28.** 20. — Mittlere Höhe der Schneegrenze: **1.** 1900 m; **20.** 1900; **21.** 1500; **28.** 2000. — Cirri: **2. 5** Vm. früh. **6** Nm. **9. 10. 12** Vm. früh. **13** Vm. **14. 22. 23. 28. 29. 30.** — Nebelmeer: **2** (teilw., 1900–2500 m). **6** (2000–2500 m). **8** (Vm. 2000 bis 2500, Ab. 1500–2000 m). **9** Vm. (1000 m). **17** Vm. früh (6–700 m). **22** (teilw., 1500–2000 m). **25** Vm. früh (400 m). — Alpen hell: **2. 4** $21^1/_2{}^h$. **5** Vm. früh. **7** Vm. u. $21^1/_2{}^h$. **8** Vm. früh. **9. 11** $21^1/_2{}^h$. **13. 14. 15** Vm. früh. **16** id. u. Ab. **17. 21** Vm. früh. **22. 23** bis Nm. **24** $21^1/_2{}^h$. **25. 27** Vm. früh u. $21^1/_2{}^h$. **28. 29. 30.** — Ebene hell: **6** Mitt. **10** Vm. früh. **11** id. **12. 13. 14. 15** Vm. früh. **16** id. **17. 21** Vm. früh. **22. 23** bis Nm. **25. 27–30**; je $21^1/_2{}^h$: **4. 9. 10. 11. 24.** — Alpen dunstig: **10** Vm. früh. **12. 27** Vm. — Ebene dunstig: **5** Vm. früh. **7** Vm. u. $21^1/_2{}^h$. **8** Vm. u. Ab. **9** Nm. **10. 13** Vm. früh. **27** $10^1/_2{}^h$. **28** Ab. — Alpen neblig: **5** $10^1/_2{}^h$. **6. 8. 10. 15** 10^h. **16** id. **27** Nm. — Ebene neblig: **3** $10^1/_2{}^h$. **5** Vm. **6** id. **7** Mitt. **11** bis Nm. **15** Vm. **16** (zeitweise). — **St. Gotthard. 28.** Schneefrei. — Neuschnee: **2.** 2 cm; **21.** 20; **22.** 15.

Oktober.

Bern. Alpen hell: **10. 13** Vm. früh. **15** Mitt. **24** Vm. früh. **26** Mitt. **27** id. **28** Vm. früh. — Alpen klar: **1. 2** Vm. früh. **8** id. **11** Mitt. **12. 16. 17** Mitt. **18** id. **20. 21. 23. 25. 30** Mitt. — **Neuchâtel. 10.** Joran seit $16^1/_2{}^h$. **11.** Id. 18–$20^1/_2{}^h$. **12.** Gewitter im S $21^1/_2{}^h$. **27.** Id. gegen 19^h. — Alpen sichtbar: **10. 12. 15** Nm **23** id. — Seenebel Vm. früh: **15. 17** (am andern Ufer). **18** (intensiv). **26. 28** bis 14^h. — **Altdorf. 4.** Schnee bis 900 m herab. — Nebel an den Bergen: **3** Vm. früh; **4. 5. 29** je Mitt. — Föhn: **12** s. 22^h. **13** Vm. **21** s. 9^h. **23** s. Ab. **24** Vm. **27** s. Vm. **28** bis Nm. — **Zürich. 10.** u. **15.** je Ab. Purpurlicht. **28.**

Morgenrot. **30.** Vm. u. **31.** Nm. Hochnebel. — Abendrot: **1. 11. 12. 16. 17** (schwach). — Schneegrenze: **4.** 1200 m; **8.** 1400; **20.** 2200; **23.** 2300. — Alpen sichtbar: **8** Vm. (teilw.). **9** id. **10** id. **11** Nm. **13** Vm. früh (tw.). **16** Ab. (schwach). **20** $9^1/_2$–$9^3/_4$ h. **23** Vm. **28** Nm. (tw.). **29** Nm. — Alpen hell: **4** Vm. (teilw.). **12** Nm. **21** Vm. **24** id. (tw.). **25** (Vm. klar). **27** Nm. (tw.). — Cirri: **1** Ab. **10** Nm. **11. 12. 17** Ab. **18. 19** Nm. **23** Vm. **27** Nm. **28** Vm. **29** Nm. — Dunst: **12** $12^3/_4$ h (leicht). **16** Nm. (Tal). **17** s. 11 h (stark). **19** Nm. (leicht). **26** Mitt. (stark). **28** Mitt. (Tal). **29** Nm. (leicht). — Nebel auf der Station Vm.: **1** (Sehweite: 150 m). **12** (2–300 m). **27** (100, später 200 m). **30** (200 m). **31** (2–300 m). — Neblig im Tal Vm.: **1. 13** früh. **15** (stark, 50 m). **16. 17** bis 9 h (stark, 50 m; später leicht). **20. 27. 28. 30** Ab. **31** Nm. — **Rigi-Kulm.** **28.** Vm. früh Tal neblig. — Neuschnee: **5.** 10 cm; **6.** 20; **14.** 5. — Nebelmeer Vm. früh: **18.** 600 m; **27.** 400; **30.** 500; **31.** 600. — Hochnebel: **11** (teilw.). **22. 26** je Vm. früh. **28** Ab. **29** bis Nm. — **Bevers.** **2.** Schneegrenze: 2400 m. **3.** Mitt. Schnee auf den Höhen. **10.** Vm. starker NE; Nm. Talsohle beinahe schneefrei. **14.** Mitt. Talsohle schneefrei. — Cirri: **2** Nm. **6** Vm. früh. **8** Mitt. **10. 11. 16** Vm. früh. **18. 19** Ab. **20. 21. 24** Vm. früh. **29. 30** Vm. früh. — Neuschnee: **4.** 1.5 cm; **5.** 40; **14.** 2. — **Sitten.** **4.** Neuschnee: 1300 m. — Cirri: **2** Vm. früh. **15** Ab. **16** Mitt. **18. 19** Nm. **20** Mitt. **23** Vm. früh. — Dunst: **2** Vm. früh. **10** Mitt. **11** id. **12** Vm. früh. **15** id. **16** Ab. **17. 18** bis Nm. **30.** — **Lugano.** **14.** u. **15.** N-Föhn. — **Säntis.** **16.** St. Morgenrot; Vm. Ebene Reif. **26.** Ab. St. Elmsfeuer. — Neuschnee: **4.** 15 cm; **5.** 5; **6.** 15; **7.** 5; **8.** 10; **9.** 20; **14.** 30; **23.** 5. — Eisansatz an Anemometer: **9.** 20–30; **23.** 10 cm. — Abendrot: **11. 12. 15** (stark). **29** (stark; Dämmerungserscheinung). **30** (id.). **31** (u. Dämmerungserscheinung). — Mittlere Höhe der Schneedecke: **4.** 20 cm; **11.** 5; **14.** 30; **19.** 10. — Mittlere Schneegrenze: **4.** 1200 cm; **11.** 2000; **14.** 1400; **19.** 2000; **26.** Gipfel schneefrei. — Alpen hell: **1. 11. 12. 13** Vm. **15** Ab. bis **18. 19** Nm. bis **22** Vm. früh. **23. 24** Vm. **25. 26** Vm. **27–31.** — Ebene hell: **1. 11. 12. 13** Vm. **15** Ab. **16** Vm. früh u. Nm. **17** Nm. **18** id. **19** id. **20. 21. 23. 24. 25. 26** $21^1/_2$ h. **27** Nm. **28. 29** Ab. — Cirri: **11** bis Nm. **13** Vm. früh. **16** bis Nm. **18** id. **19** Nm. **20** Vm. früh. **21** id. u. Nm. **23** $10^1/_2$ h. — Nebelmeer: **1** Vm. früh (400 m). **11** id. (1500 m). **16** Vm. **17** (teilw., 1500–2000 m). **18** Vm. (früh 4–500 m). **23** (2000 m). **26** Vm. früh (1600 m). **27** (5–600 m). **28** Vm. (tiefes Bodennebelmeer). **29** (16–1700 m). **30** (6–700 m). **31** (600 m). — Ebene Dunst: **17** Vm. (teilw.). **19** $16^1/_2$ h (leicht). **21** Vm. früh (id.). **22** Vm. früh. **24** Nm. (Ebene). **26** $10^1/_2$ h. — **St. Gotthard.** Neuschnee: **4.** 5 cm; **5.** 5 (total: 7 cm); **6.** 10; **8.** 3; **9.** 15; **14.** 5; **15.** 5.

November.

Bern. Alpen klar: **4. 6** Vm. früh. **14. 15** Mitt. **16–23** Vm. früh. — Schneedecke: **8.** 8 cm; **9.** 4; **10.** 3.5; **11.** 1; **21.** 1; **24.** 11.5; **25.** 4.5; **26.** 17; **27.** 8.5; **28.** 4.5; **29.** 2.5. — **Neuchâtel.** **2.** Ab. Joran. **2.** Nm. u. **24.** Seenebel. **11.** u. **24.** Chaumont Nebel. — Alpen sichtbar: **15. 18. 21** Nm. — **Altdorf.** Föhn: **9** seit 16 h. **21** Nm. **28** id. — Schneegrenze: **7.** 1100; **15.** 800; **19.** 500 m. — **Genf.** Neuschnee: **20.** 1 cm; **23.** 10; **25.** 12. — **Zürich.** **23.** Ab. Nebensonne. Abendrot: **5. 15. 21** (schwaches Alpenglühen; Purpurlicht). **22** (stark). **29.** — Morgenrot: **23** (intensiv). **30.** — Alpen sichtbar: **6** Vm. (tw.). **9** Nm. **13** id. (teilw.). **14** Nm. **15** (Vm. Glärnisch; Nm. hell). **20** (Nm. hell). **21** Nm. (schwach). **22** Vm. — Neuschnee: **8.** 1 cm; **24.** 1; **25.** 2; **26.** 9. — Schneegrenze: **5.** 1200 m; **15.** 900; **21.** 550. — Cirri: **10. 15. 18. 19. 30** je Vm.; **2. 9. 14. 21** je Nm.; **22** tags. **23** Ab. **29** Mitt. — Dunstig im Tal: **9** Nm. (stark). **10** Vm. (id.). **15** Vm. **20** id. (stark). **29** Nm. (id.). — Dunst: **3** 11–$11^3/_4$ h. **9** Vm. (leicht). **21** Nm. (id.). **22** Nm. **23** id. **30** Vm. — Tal neblig: **1** Vm. **2** Ab. **13** Nm. (Nachts Nebel in der Stadt). **14** Nm. **22** Vm. **23** id. u. Ab. — Hochnebel: **1. 2** Vm. **11. 12** Nm. **24** Mitt. **27** Nm. — Nebel auf der Station Vm.: **2** (Sehweite: 200 m). **12** (100–200 m). **13** (früh 50–100, später 2–300 m). **14** (früh 100, später 50 m). **22** (300 m). **27** (250 m). **29** früh (2–300 m). — **Rigi-Kulm.** **17.** Vm. früh Tal neblig. — Nebelmeer: **1.** 700 m; **10.** 900; **11** id.; **12.** 700; **26.** 800; **28.** id. — Neuschnee: **5.** 3 cm; **8.** 40; **9.** 25 (total: 75 cm); **15.** 22; **18.** 3; **20.** 2; **24.** 10; **25.** 5; **26.** 26; **27.** 10; **29.** 4; **30.** 10 (total: 48 cm). — **Bevers.** **3.** Gipfelschnee bis 2200 m. **6.** Berge angeschneit (1800 m). — Cirri: **1. 2. 3** Vm. früh. **4. 5** Vm. früh. **14** Mitt. **15** id. **16** Vm. früh u. Ab. **17** id. **20** Ab. **21** Nm. **22** id. **23** Mitt. — Neuschnee: **7.** 4 cm; **8.** 19; **9.** 2; **15.** 4; **18.** 1.5; **19.** 9.5; **24.** 4; **26.** 8; **27.** 8; **30.** 20. — Totale Schneehöhe: **9.** 12 cm; **16.** 7; **24.** 15; **30.** 25. — **Sitten.** **2.** u. **30.** je Vm. früh Talnebel. — Neuschnee: **16.** 2 cm; **24.** 3; **25.** 0.5. — Schneegrenze: **7.** 1200; **8.** 800 m. — Cirri: **12. 14** Mitt. **20** Ab. **22** Mitt. **23** id.; je Vm. früh: **1. 2. 13. 19. 29.** — Dunst: **1** bis Nm. **2** Mitt. **13** Ab. **14** id. **17** Vm. früh. — Bodennebel: **13** Vm. früh. **28** bis Nm. **29** Vm. früh. — **Lugano.** **9.** Erdbeben $14^h 24^m$ (Richtung: SSE–NNW, Dauer: 2.5 Sekunden). **15.** u. **19.** N-Föhn. — **Basel.** Schneehöhe: **25.** 19 h: 4 cm; **26.** $7^1/_2$ h: 18. — **Säntis.** **26.** Eisansatz am Anemometer: 20 cm. **17.** $21^1/_2$ h Spitzenentladungen (St. Elmsfeuer). **18.** Rauhreif am Anemometer: 50 cm. **23.** Morgenrot. **26.** Id. (intensiv). — Abendrot: **3. 11.**; **20. 22. 23. 30** (je stark). — Dämmerungserscheinung Ab.: **3. 11. 12** Vm. früh. **20.** — Neuschnee: **3.** 2 cm; **5.** 5; **7.** 30; **8.** 30; **9.** 20; **15.** 5; **16.** 10; **17.** 10; **18.** 15; **19.** 10; **20.** 10; **24.** 10; **25.** 10; **26.** 15; **27.** 10; **30.** 20. — Mittlere Höhe der Schneedecke: **5.** 10 cm; **8.** 70; **9.** 80; **16.** 80; **23.** 100; **30.** 130. — Mittlere Höhe der Schneegrenze: **5.** 1600 m; **8.** 400; **14.** 1200; **15.** 600; **18.** 1200; **26.** 500; **30.** 650. — Alpen hell: **1. 2. 3. 4** $10^1/_2$ h. **5** Nm. **6** Vm. **9** (klar). **10–15. 18. 20** Ab. bis **23. 26. 27** Nm. **28. 29** Vm. **30.** — Ebene hell: **1** (Appenzell). **2** Vm. (id.). **4** $10^1/_2$ h. **5** $21^1/_2$ h. **6** Vm. früh. **9** Ab. (tags. Appenzell). **12** (App.). **13** id. **14** bis Nm. (id.). **15. 18** Ab. **20** id. **21. 22. 23. 26** Vm. (App.). **28** bis Nm. (id.). **29** Vm. (id.). **30.** — Nebelmeer: **1** (7–800 m). **2** (6–700 m). **3** (12–1700 m). **5** Nm. (1700 m). **6** $10^1/_2$ h. **9** (bis Nm. 1000–1500, Ab. 6–800 m). **10** (7–800 m). **11** (900–1000 m). **12** (6–700 m). **13** (4–500 m; Ab. Bodensee). **14** (früh 800, tags. 400 m). **22** Vm. (Bodensee; 4–500 m). **26** (8–900 m). **27** Nm. (id.). **28** bis Nm. **29** id. **30** (6–800 m). — Cirri: **1. 2** Vm. **3. 6** Vm. früh. **9. 10** Vm. früh u. Nm. **11. 12** Nm. **13** Ab. **14** bis Nm. **18** Nm. **20** Ab. bis **23. 26** Vm. früh. **29** bis Nm. **30** id. — Ebene dunstig: **21** Mitt. **23** Vm. früh u. Ab. **26** $21^1/_2$ h. **30** Mitt. u. $21^1/_2$ h. — Alpen neblig: **10** $21^1/_2$ h. **11** $10^1/_2$ u. $16^1/_2$ h. **13** Vm. früh. **20** $21^1/_2$ h. **26** id. **30** Ab. — Ebene neblig: **5** Ab. **18** bis Nm. **20** $21^1/_2$ h. **28** Ab. — **St. Gotthard.** **3.** 9–13 h Nebelmeer im Sella-Tal. — Neuchnee: **7.** 40 cm; **8.** 35; **9.** 10; **11.** 20; **12.** 5; **14.** 10; **15.** 10; **17.** 5; **18.** 8; **19.** 2; **22** 5; **26.** 5; **27.** 40; **28.** 8; **29.** 50; **30.** 20. — Totale Schneehöhe: **9.** 85; **16.** 90; **23.** 95; **30.** 185 cm.

Dezember.

Bern. Alpen klar: **3** Mitt. (sichtbar). **4** Mitt. **8. 9** Vm. früh. **10** id. — Schneehöhe: **16.** 1 cm; **20.** 1; **21.** 7; **22.** 12; **23.** 16; **24.** 3.5; **29.** 1.5; **30.** 1.5; **31.** 15. — **Neuchâtel.** **21.** Joran seit 21 h. — Neuschnee: **21.** 5 cm; **22.** Ab. ca. 30; **24.** 5; **30.** früh 5 u. Ab. 12. — **Altdorf.** **2.** Schneegrenze: 550 m. **4.** Vm. früh u. **10.** Mitt. Nebel an den Bergen. **31.** Schneehöhe: 20 cm. — Föhn: **4** Nm. **5** Vm. **9** Vm. früh. — **Genf.** Schneehöhe: **22.** 15 cm; **30.** 12; **31.** 27. — **Zürich.** **6.** Vm. Nebel (300 m Sehweite). **8.** Starkes Morgenrot. — Alpen sichtbar: **9** Vm. **28** gegen Mitt. (Voralpen). — Alpen hell: **4** Nm. **5** Mitt. **13** Nm. (teilw., klar). — Abendrot: **4** (stark). **10.** — Cirri: **4** Nm. **8** Vm. **10. 16** Nm. **22** Vm. **25** Nm. — Schneegrenze: **3.** 600; **8.** 600 m. — Neuschnee: **16.** 1.5 cm; **20.** 8; **21.** 2.5 (total: 10 cm). **22.** 5; **24.** 2; **30.** 8; **31.** 10.5. — Dunst: **4** Mitt. (stark, im Tal). **8** Vm. (leicht). **10** Nm **16** Vm. (Tal). — Tal neblig: **4** Vm. **9** Mitt. **10** Vm. — Hochnebel: **1** (tief). **2. 6** Nm. **7** Vm. **10** Nm. bis **15** $9^1/_2$ h. — **Rigi-Kulm.** **1.** u. **2.** Vm. früh Hochnebel. — Tal neblig: **4. 5. 10. 16** je Vm. früh; **7. 18** je Ab. — Nebelmeer: **6.** 700 m; **11.** 1600; **12.** 1300; **13.** 1100; **15.** 1700; **31.** 1100. — Neuschnee: **3.** 3 cm; **4.** 5; **5.** 4; **16.** 10; **17.** 4; **19.** 3; **21.** 25; **22.** 10; **23.** 8; **24.** 11; **25.** 22; **27.** 18; **29.** 34; **30.** 10; **31.** 10. — Totale Schneehöhe: **7.** 47; **14.** 28; **24.** 140 cm. — **Bevers.** **25.** $12^1/_4$ h grosse Staublawine im Sagentobel. — Cirri: **1. 3. 7. 9. 22. 25. 26. 27** je Vm. früh; **8** Mitt. **10. 11.** Mitt. **12. 14** Mitt. **15. 16** Mitt. **17** Ab. **18.** — Neuschnee: **1.** 3 cm; **2.** 4; **4.** 6; **6.** 4.5; **10.** 1; **17.** 2.5; **20.** 3.5; **21.** 0.5; **22.** 8; **23.** 12.5; **24.** 20; **25.** 15; **27.** 8; **28.** 15; **29.** 7; **30.** 3; **31.** 35. — Totale Schneehöhe: **7.** 32 cm. **14.** 35; **21.** 40; **28.** 80. — **Sitten.** **11.** Vm. früh Bodennebel **12.** Vm. früh u. Ab. Talnebel. — Neuschnee: **5.** 18 cm; **20.** 2.5; **22.** 5.5; **23.** 11; **26.** 1; **31.** 31. — Cirri: **8. 11** Mitt. **17** id. **19** Vm. früh. **20** id. **25** Ab. — Dunst: **1** Vm. früh. **10** Nm. **11** id.; **2. 4. 12. 31** je Mitt. — Hochnebel: **1. 2** Nm. **14** Mitt. (1000 m). **15** id. **16. 17** Ab. **18** (12–1300 m). **26** Mitt. **31** id. — Schnee auf den Bergen: **19** Mitt. **20** id. **21** Vm. früh. **30** id. — **Lugano.** **6.** Bis zum Fuss der Berge angeschneit. — N-Föhn: **4** 10–$17^1/_2$ h. **19. 20** bis $15^1/_2$ h. **23/24** Nachts. **24. 25. 29.** — **Basel.** Neuschnee: **20.** Mitt. 0.5, Ab. 1.5 cm; **22.** Ab. 4; **28.** 2; **27** Ab. 0.5; **29.** 1; **30** Vm. früh 1.5 u. Ab. 8; **31.** 8. — **Säntis.** **4.** Intens. Abendrot. **17.** $21^1/_2$ h innerer und äusserer Mondring. — Morgenrot: **8** (stark). **9** (id.). **12** (Dämmerungserscheinung). **15** (stark). **18** (id). **25.** — Neuschnee: **2.** 5 cm; **3.** 5; **4.** 20; **5.** 25; **16.** 20; **17.** 20; **18.** 10; **19.** 15; **20.** 50; **21.** 20; **22.** 20; **23.** 30; **24.** 20; **25.** 15; **27.** 20; **28.** 15; **29.** 20; **30.** 10; **31.** 10. — Mittlere Höhe der Schneedecke: **1.** 130 cm; **7.** 140; **14.** 120; **21.** 220; **28.** 300; **30.** 350. — Mittlere Höhe der Schneegrenze: **4.** 750 m; **14.** 800; **16.** 700; **18.** 650; **21.** Ebene angeschneit; **25.** 400 m; **31.** Ebene angeschneit. — Cirri: **2** Nm. **4** id. **5** Mitt. **7** Nm. **8. 9** Ab. **10** Nm. bis **15** Vm. früh. **18** Vm. früh u. Mitt. **25** Ab. **31** Nm. — Alpen hell: **1** (teilw.). **2. 4** (Vm. teilw. sichtbar). **6** bis Nm. **7** $21^1/_2$ h. **8. 9** (Nm. tw.). **10** (Vm. tw.). **11. 12** (Vm. tw.). **13. 15** Vm. früh. **18** bis Nm. **25** (teilw.). **31** Ab. (id.). — Ebene hell: **2** $21^1/_2$ h. **4** (teilw.). **8** (Appenzell). **9** (tags App., Nm. teilw.). **25. 31** $21^1/_2$ h (teilw.). — Nebelmeer: **1** (1500–1800 m). **2** (1000–1500 m). **6** bis Nm. **7** (Nm. 2000–2500, Ab. 800 m). **8** Vm. früh (Bodensee). **10** (800–1500 m). **11** (1500 m). **12** (1100 bis 1200 m). **13** (11–1500 m). **14** (1900 m). **15** Vm. früh (1800 m). **18** bis Nm. (12–1500 m). **31** Nm. (900–1000, gegen die Alpen 2000–2500 m). — Ebene dunstig: **8** (teilw.). **9** Vm. — Alpen neblig: **7** Mitt. **15** $10^1/_2$ h. **25** Vm. früh. **31** bis Nm. — Ebene neblig: **15** Vm. **31** bis Nm. — **St. Gotthard.** Neuschnee: **1.** 5 cm; **2.** 5; **4.** 20; **6.** 2; **10.** 4; **20.** 5; **23.** 40; **24.** 20; **25.** 15; **26.** 10; **27.** 40; **28.** 30; **29.** 15; **31.** 25. — Totale Schneehöhe: **7.** 200 cm; **14.** 195; **21.** 1[illegible]; **28.** 345.

Monats- und Jahresübersichten sämtlicher schweiz. meteorologischen Stationen.

In die hier folgenden Uebersichten werden die Beobachtungsresultate aller schweizerischen Stationen, soweit es die Zuverlässigkeit und Vollständigkeit derselben gestattet, aufgenommen.

Das Schema ist dem vom ersten internationalen Meteorologenkongress aufgestellten möglichst angepasst.

Zu beachten ist:

1. Die Minima und Maxima bei Luftdruck, Temperatur und die Minima bei der relativen Feuchtigkeit sind stets den üblichen Terminbeobachtungen entnommen (7^{30} 13^{30} 21^{30}, resp. 7^{30} 13^{30} 20^{30}; bei Genf 7^{35} 13^{35} 21^{35}).
2. Die Monatsmittel der Temperatur werden aus den 3 Terminbeobachtungen in der Weise abgeleitet, dass der Abendbeobachtung (21^{30}) das doppelte Gewicht beigelegt ist [$m = 1/4\ (7^{30} + 13^{30} + 2 \cdot 21^{30})$]. Bei den wenigen Stationen, die eine andere Kombination der Beobachtungsstunden haben, wird die entsprechende Reduktion nach den stündlichen Werten von Bern und Säntis angebracht.
3. Zu den Tagen mit Niederschlag werden alle gezählt, an denen derselbe den Betrag von wenigstens 0.3^{mm} erreicht, sei dies nun Regen oder Schnee, oder beides zugleich.
   Eine zweite Rubrik enthält die Zahl der Tage mit Niederschlagsmengen von mindestens 1.0^{mm}.
4. Tage mit mehreren Gewittern werden nur einfach gezählt.
5. Als heitere Tage werden solche bezeichnet, deren mittlere Bewölkung $< 2.$
   » trübe » » » » » » $> 8.$
6. Bei der Uebersicht der Windverteilung wird nur die Häufigkeit der verschiedenen Windrichtungen mit Intensität > 0 berücksichtigt.
7. λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^{m} bezogen.

Zürich.

$\lambda = 8° 33'$, $\beta = 47° 23'$, $H_b = 493.2$ m, $G = 0.08$ $^m/_m$, $h_r = 1.4$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	723.6	711.5	1	733.4	24	−0.9	1.8	−0.2	0.1	−8.7	22	6.7	31	87	76	86	83	62	14
Februar	714.3	704.8	22	727.3	1	2.1	6.0	3.4	3.7	−1.8	21	9.6	27	88	72	84	81	50	27
März	719.0	700.1	3	725.7	26	2.7	8.6	4.8	5.2	−2.1	20	18.3	27	91	67	82	80	43	28
April	713.8	700.1	21	725.3	30	5.3	12.7	7.7	8.3	0.4	10	20.8	11	87	59	76	74	36	7.11
Mai	719.1	709.4	10	726.5	1	10.4	17.4	11.6	12.8	3.6	18	28.5	7	80	55	78	71	34	8
Juni	721.2	710.7	4	726.4	12	10.7	16.6	11.2	12.4	5.6	18	26.2	10	85	58	85	76	40	29
Juli	721.4	712.6	31	727.0	21	17.0	25.5	18.4	19.8	12.6	28	32.4	13	80	49	78	69	32	12
August	720.5	713.6	31	727.2	4	14.7	23.6	16.4	17.8	8.6	29	33.9	10	85	51	79	72	29	10
September	722.0	710.6	5	729.5	29	10.7	19.4	12.8	13.7	6.4	25	28.0	13	95	58	90	81	32	14
Oktober	718.1	705.5	24	727.3	1	9.6	14.6	10.3	11.2	0.4	18	24.6	1	90	71	92	84	42	17
November	715.4	704.6	28	723.5	12	2.4	6.0	3.4	3.8	−5.1	22	12.6	2	92	76	90	86	43	18
Dezember	717.9	704.5	28	728.3	14	−0.1	1.9	0.1	0.5	−10.6	31	7.5	28	89	78	89	85	38	25
Jahr	718.9	700.1	III IV	733.4	I	7.0	12.8	8.3	9.1	−10.6	XII	33.9	VIII	87	64	84	78	29	VIII

Rigi-Kulm.

$\lambda = 8° 30'$, $\beta = 47° 3'$, $H_b = 1787.3$ m, $G = -0.11$ $^m/_m$, $h_r = 1.8$ m

Januar	614.4	604.5	1	624.0	24. 25	−7.0	−4.4	−6.3	−6.0	−14.3	19	1.1	2	84	84	84	84?	18	2
Februar	607.9	600.0	19	620.4	1	−4.0	−1.8	−3.0	−3.0	−9.3	21	4.4	3	76	76	75	76	2	2. 3
März	612.3	596.6	3	620.1	26	−3.3	−0.8	−2.6	−2.3	−9.1	13	4.8	27	72	70	73	72	23	19
April	608.7	598.3	21	620.2	30	−0.2	2.4	−0.2	0.5	−5.0	15	8.6	12	67	62	73	67	12	11
Mai	615.0	605.8	10	622.5	1	4.0	6.4	4.3	4.7	−5.3	11	15.4	6	53	62	64	60	11	2
Juni	616.6	606.8	4	623.1	10	2.9	5.0	4.1	4.0	−3.4	18	14.6	10	77	68	73	62	20	9
Juli	619.8	613.2	31	626.1	13	11.7	13.6	12.6	12.6	5.6	19	23.8	14	53	49	52	51	6	13
August	618.4	611.8	18	624.5	10	10.2	12.6	11.6	11.5	3.0	28. 29	23.0	10	47	49	46	47	0	5
September	618.6	609.7	15	626.6	30	6.2	8.6	6.9	7.2	−0.2	19	14.4	30	55	49	57	54	0	28
Oktober	614.6	603.3	4	625.3	1	4.8	6.3	5.2	5.4	−3.2	5	13.6	1	64	60	61	62	3	12
November	609.5	602.0	28	619.0	1	−1.9	−0.4	−1.7	−1.4	−10.3	23	12.2	1	76	75	76	75	11	1
Dezember	610.1	600.5	28	619.3	17	−5.8	−4.6	−5.6	−5.4	−14.1	22	4.4	12	84	78	80	81	10	14
Jahr	613.8	596.6	III	626.6	IX	1.5	3.6	2.1	2.3	−14.3	I	23.8	VII	67	65	68	66	0	VIII IX

Pilatus-Kulm.

Abendbeobachtung: 20^{30}

$\lambda = 8° 16'$, $\beta = 46° 59'$, $H_b = 2068$ m, $G = -0.14$ $^m/_m$, $h_r = 0.9$ m

Januar	592.5	582.7	1	601.8	25	−8.1	−6.0	−7.9	−7.4	−17.4	19	3.0	27	93	92	92	93	2	27
Februar	586.6	579.5	19	598.7	1	−5.7	−1.7	−4.8	−4.3	−12.6	21	4.6	8	81	77	83	80	2	10
März	590.5	575.9	3	598.1	25	−4.8	−0.1	−4.3	−3.3	−11.0	13	5.8	26	77	68	73	72	3	17. 18 19
April	587.3	578.4	21	598.6	30	−1.8	1.6	−1.7	−0.9	−7.2	15	7.8	26	65	61	75	67	6	11
Mai	593.6	585.6	10	601.0	1. 2	2.4	6.2	2.5	3.3	−7.0	11	17.0	6. 8	46	51	65	54	3	1. 5 29. 31
Juni	595.0	586.2	4	601.3	10	2.0	4.5	1.6	2.2	−5.4	18	17.0	10	77	71	85	78	3	10
Juli	598.7	592.3	31	604.9	13	9.3	13.0	10.5	10.4	4.6	3	20.8	14	47	42	50	46	5	13. 14 15. 21
August	597.4	590.6	24	603.3	9	8.6	12.3	10.4	10.0	1.4	28	21.2	10	41	34	36	37	0	8
September	597.0	588.8	15	605.0	29. 30	4.9	7.9	5.5	5.8	0.0	1.24	13.5	30	43	38	51	44	3	7. 28 29
Oktober	593.3	582.9	4	603.9	1	4.6	6.0	4.6	4.8	−5.2	15	13.0	1. 20	50	52	52	51	0	18
November	587.9	581.4	20	598.1	1	−3.3	−0.7	−2.7	−2.4	−12.8	21. 23	11.4	1	72	71	69	71	2	1
Dezember	588.1	579.7	28	596.7	17	−7.3	−5.9	−7.2	−6.9	−15.6	21	1.2	11	88	87	90	88	8	14
Jahr	592.3	575.9	III	605.0	IX	0.1	3.1	0.5	1.0	−17.4	I	21.2	VIII	65	62	68	65	0	VIII X

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$, $H_b = 456.3$ m, $G = 0.05$ $^m/_m$, $h_r = 1.5$ m

Januar	726.7	714.5	1	737.2	25	−1.6	1.8	−0.9	−0.4	−9.1	24	5.2	9.10	84	68	82	78	40	11
Februar	717.5	706.4	8	732.0	1	1.6	5.7	3.1	3.4	−1.4	7	12.9	8	90	64	79	78	23	8
März	722.1	701.7	3	729.4	28	3.9	8.6	5.5	5.6	−0.5	17	16.0	23	79	55	72	69	29	23
April	716.7	703.1	21	728.8	30	7.0	12.5	8.3	9.0	2.9	10	21.1	12	80	54	74	69	26	6.26
Mai	722.0	714.0	10	729.8	1	11.1	16.2	12.3	13.0	5.3	12	25.1	7	76	50	75	67	28	12
Juni	724.2	713.0	4	729.2	12. 22 26	11.4	15.7	11.7	12.6	5.4	18	23.0	11	82	55	86	74	36	6
Juli	724.2	714.0	31	730.2	21	17.4	23.6	19.1	19.8	13.7	3	28.9	14	78	52	74	68	39	1
August	723.6	715.5	31	729.8	4	16.0	21.5	17.0	17.9	11.0	26	29.3	10	79	52	81	71	30	18
September	725.1	713.3	15	732.7	29	11.3	17.4	13.0	13.7	6.7	20	24.0	17	88	56	86	77	30	17. 23
Oktober	721.2	708.4	24	730.4	1	9.9	14.4	10.5	11.3	2.5	18	11.6	25	88	63	85	79	29	28
November	718.1	706.7	28	726.7	12	3.2	7.0	4.2	4.7	−3.2	21	13.1	4	92	66	88	82	29	28
Dezember	720.7	707.2	23	731.4	14	1.4	2.7	1.0	1.6	−4.2	31	8.9	9	79	74	81	78	30	4
Jahr	721.8	701.7	III	737.2	I	7.7	12.3	8.7	9.3	−9.1	I	29.3	VIII	83	59	80	74	23	II

Beobachter: **Meteorolog. Zeniralanstalt.**

Zürich.

Bewölkung				Niederschlag		Zahl der Tage							Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum Tag	● *	●* ≧1.0	*	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.3	8.2	8.7	8.4	42	12	8	15	10	10	—	—	5	2	23	5	8	1	2	7	11	6	20	33	Januar
8.8	8.4	8.2	8.5	80	15	26	16	14	3	—	—	1	0	17	1	5	2	1	8	16	13	11	27	Februar
7.5	7.6	6.1	7.1	40	13	2	14	9	6	—	—	4	4	15	7	20	5	4	3	10	6	13	25	März
6.6	6.5	5.5	6.2	86	23	16	13	12	1	1	1	0	7	12	1	17	9	0	6	13	7	11	26	April
5.1	5.8	5.8	5.6	94	17	24	14	12	—	—	1	0	5	10	0	6	5	1	3	17	9	21	31	Mai
7.0	6.7	7.7	7.1	87	19	26	19	17	—	—	3	0	2	14	2	7	11	1	3	4	24	14	24	Juni
3.9	4.2	4.9	4.3	72	35	31	11	8	—	—	4	0	11	2	4	13	8	4	1	7	12	13	31	Juli
4.0	4.2	4.0	4.1	64	18	3	12	9	—	1	4	0	10	4	3	9	7	1	0	7	20	9	37	August
5.6	4.6	4.3	4.8	73	20	23	10	7	—	—	1	0	8	5	5	8	8	6	2	13	9	6	33	September
8.4	6.9	6.9	7.4	133	31	13	16	13	—	—	—	6	1	16	0	3	4	1	5	17	16	12	35	Oktober
8.2	7.8	8.3	8.1	117	26	7	18	16	9	—	—	7	0	16	4	10	4	6	3	8	12	8	35	November
8.9	8.8	9.2	9.0	147	31	26	21	15	15	—	—	3	0	23	0	11	3	1	1	18	11	3	45	Dezember
6.8	6.6	6.6	6.7	1035	35	VII	179	142	44	2	14	26	50	157	32	117	67	28	42	141	145	141	382	Jahr

Beobachter: Familie **Schreiber.**

Rigi-Kulm.

6.5	6.1	7.4	6.7	150	35	20	16	16	16	—	—	19	8	17	0	0	7	0	1	0	33	2	50	Januar
8.0	7.1	7.4	7.5	142	33	18	15	14	15	—	—	14	2	13	0	0	3	5	2	3	48	0	23	Februar
5.9	6.2	5.6	5.9	87	16	3	10	9	10	—	2	13	9	16	0	0	8	11	3	2	23	1	45	März
6.3	6.3	5.9	6.2	162	46	16	10	10	9	—	—	12	5	14	0	1	2	11	7	1	29	2	37	April
5.4	6.2	6.0	5.9	234	21	12.14	16	15	8	—	—	10	7	10	0	2	1	5	5	1	19	10	50	Mai
7.0	7.4	7.4	7.3	294	62	25	19	19	8	—	3	13	4	16	0	3	2	0	0	0	5	28	52	Juni
4.3	3.9	5.3	4.5	145	37	31	13	10	—	—	1	7	11	6	0	1	1	4	0	0	9	17	61	Juli
3.6	4.1	3.4	3.7	224	95	15	11	10	—	—	1	8	13	4	0	2	0	0	1	0	7	26	57	August
4.1	4.2	4.5	4.3	132	43	15	12	11	3	1	1	6	14	8	2	2	0	9	1	2	5	17	52	September
6.7	6.0	5.3	6.0	164	23	3	13	13	5	—	—	10	6	12	0	0	0	1	5	5	26	25	31	Oktober
6.4	6.2	6.4	6.3	217	49	7	17	17	15	—	—	9	4	15	0	0	2	15	2	4	28	11	28	November
7.5	6.3	7.1	7.0	305	51	27	17	17	17	—	—	14	4	17	1	2	4	4	3	1	42	0	36	Dezember
6.0	5.8	6.0	5.9	2256	95	VIII	169	161	106	1	8	135	87	148	3	13	30	65	30	19	274	139	522	Jahr

Beobachter: **A. von Wyl. X. Furrer.**

Pilatus-Kulm.

6.4	6.5	6.7	6.5	355	65	8	21	20	21	—	—	15	6	17	5	26	1	0	0	32	0	1	28	Januar
3.8	6.5	6.6	5.6	262	38	18	23	20	23	—	—	7	2	11	5	1	1	0	0	52	0	0	25	Februar
5.7	5.6	5.5	5.6	107	27	3	12	11	12	—	—	10	12	14	10	5	2	0	1	24	0	0	51	März
6.3	6.8	5.8	6.3	246	50	16	16	14	15	—	—	9	6	14	2	3	0	0	2	27	1	0	55	April
5.0	7.3	5.9	6.1	137	26	29	17	16	9	—	—	12	7	12	2	1	0	5	7	33	0	3	42	Mai
8.3	8.6	8.4	8.4	209	36	25	19	19	8	—	—	20	1	21	0	3	0	2	5	37	0	8	35	Juni
4.4	7.4	6.4	6.1	91	27	17	11	11	—	—	1	7	4	12	5	3	0	1	30	22	1	0	31	Juli
4.0	5.1	4.7	4.6	118	70	15	10	10	—	—	1	8	11	6	2	0	0	4	42	31	0	2	12	August
5.9	6.0	4.8	5.6	122	24	20	11	11	3	—	—	10	6	8	3	1	0	3	14	36	0	3	30	September
7.1	6.4	5.4	6.3	86	21	5	14	13	6	—	—	8	6	11	0	0	0	2	8	51	0	1	31	Oktober
6.3	6.6	7.0	6.6	140	36	7	18	16	17	—	—	4	4	14	3	3	0	0	3	46	1	0	34	November
6.4	6.5	6.7	6.5	285	42	28	19	18	19	—	—	14	5	17	1	14	2	0	0	44	0	0	32	Dezember
5.8	6.6	6.2	6.2	2158	70	VIII	191	179	134	—	2	124	70	157	38	60	6	17	112	435	3	18	406	Jahr

Beobachter: Frl. **H. Nager.**

Altdorf.

8.0	7.2	7.7	7.6	70	17	8	15	11	13	—	—	1	3	19	0	1	0	0	0	1	0	1	90	Januar
8.1	7.6	6.4	7.4	84	16	1	16	14	1	—	—	3	0	12	0	0	0	3	2	0	0	2	77	Februar
6.8	5.8	5.7	6.1	21	6	7	9	6	1	—	—	1	6	14	5	0	4	3	0	2	1	5	73	März
6.5	6.0	4.7	5.7	84	21	16	13	12	—	—	—	0	7	10	1	3	2	5	3	1	1	12	62	April
5.0	6.0	6.6	5.9	132	23	24	17	14	—	—	—	0	5	8	7	1	2	2	2	0	0	14	65	Mai
7.4	7.4	8.0	7.6	103	10	4	21	19	—	—	1	0	2	16	2	1	0	1	0	0	1	17	68	Juni
4.4	5.1	5.6	5.0	104	29	17	12	10	—	—	2	0	6	7	3	2	0	1	0	0	1	17	69	Juli
4.2	4.1	5.3	4.5	182	57	15	12	10	—	—	1	0	9	5	5	1	1	0	1	0	3	9	73	August
5.1	5.2	4.6	5.0	91	21	18	12	8	—	—	—	0	6	7	0	0	0	5	2	0	1	4	78	September
7.1	6.6	6.7	6.8	95	21	13	11	11	—	—	—	1	5	16	2	0	2	7	3	0	3	4	72	Oktober
7.8	6.4	8.1	7.4	101	21	7	17	13	3	—	—	3	1	14	1	1	0	1	1	0	1	3	82	November
9.6	8.7	8.8	9.0	185	31	28	18	16	15	—	—	3	0	26	4	3	1	2	1	2	0	6	74	Dezember
6.7	6.3	6.5	6.5	1252	57	VIII	173	144	33	—	4	12	50	154	30	13	12	30	15	6	12	94	883	Jahr

Altstätten.

$\lambda = 9^\circ 33'$, $\beta = 47^\circ 23'$, $H_b = 449.3$ m, $G = 0.08$ mm, $h_r = 1.5$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	726.9	715.6	1	737.3	24	−1.7	1.6	−0.6	−0.3	−10.8	24	5.2	9	89	72	85	82	48	3
Februar	717.6	708.1	8	730.4	1	1.3	5.8	2.8	3.2	−2.2	21	11.4	26	92	66	85	81	36	8
März	722.5	702.1	3	729.4	26	2.9	9.5	5.0	5.8	−3.0	20	16.8	28	88	51	76	72	34	27
April	717.1	703.0	21	728.9	30	5.9	12.6	7.6	8.5	1.5	8	21.0	12	85	54	71	70	30	6
Mai	722.4	711.7	10	730.7	1	12.1	17.7	11.2	13.1	3.1	12	26.3	6	70	47	78	65	32	6
Juni	724.6	713.6	4	730.1	12	11.5	16.0	11.1	12.4	4.2	18	24.3	10	77	55	75	69	36	28
Juli	724.7	714.7	31	730.7	21	17.9	24.7	18.3	19.7	14.0	3	30.3	14	68	45	67	60	33	1.9
August	723.9	716.7	18	730.9	4	15.5	22.3	16.0	17.4	9.8	29	29.7	10	76	49	73	66	28	18
September	725.6	713.5	15	733.3	29.30	10.6	18.2	12.3	13.3	6.8	25	25.0	14	89	53	82	75	27	14
Oktober	721.5	708.9	24	730.8	18	9.1	14.7	10.4	11.2	0.4	18	23.0	25	88	60	84	77	29	27
November	718.8	711.4	14	727.2	12	2.1	5.8	3.1	3.5	−5.4	22	14.5	4	92	71	87	83	37	21
Dezember	721.2	707.4	28	732.3	14	−0.6	1.9	−0.4	0.2	−8.7	31	6.7	5	88	75	87	83	47	5.25
Jahr	722.2	702.1	III	737.3	I	7.2	12.6	8.1	9.0	−10.8	I	30.3	VII	85	58	79	74	27	IX

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$, $H_b = 2500.1$ m, $G = -0.16$ mm, $h_r = 0.7$ m

Januar	560.2	551.3	1	570.5	25	−10.8	−9.8	−10.4	−10.3	−20.8	19	−2.2	26	89	82	91	87	12	27
Februar	554.7	547.0	19	566.1	1	−8.5	−7.2	−8.1	−8.0	−14.0	21	0.0	8	88	84	78	86	3	6
März	559.2	544.4	3	567.6	25	−6.5	−5.0	−7.3	−6.5	−13.5	12	0.0	30	77	78	86	80	23	17
April	556.4	548.2	21	567.8	30	−4.4	−2.2	−5.0	−4.1	−10.1	15	4.2	12	84	89	92	88	21	4
Mai	562.8	554.0	10	570.8	1. 2	0.0	2.4	−0.9	0.2	−10.5	12	10.6	7	76	84	90	83	21	2
Juni	563.9	554.8	4	571.7	10	−1.3	0.4	−1.6	−1.0	−8.8	18	10.0	10	90	91	97	93	18	10
Juli	568.5	562.0	31	575.5	13	7.0	9.3	6.6	7.4	0.7	2	18.0	14	66	82	79	76	19	6
August	567.0	558.8	18	573.9	9	5.7	8.3	5.6	6.3	−1.9	28	18.0	10	63	73	78	71	9	2.5
September	566.5	557.3	21	575.1	30	2.4	4.2	2.5	2.9	−4.8	20	10.0	30	77	79	84	80	20	7
Oktober	562.3	549.9	4	573.2	1	0.1	1.8	0.1	0.5	−9.6	15	10.6	1	84	83	85	84	22	18
November	556.6	548.5	19	567.8	1	−6.4	−4.8	−6.4	−6.0	−15.5	21	8.0	1	89	86	87	87	30	1
Dezember	555.8	546.0	23	565.4	11	−10.3	−9.7	−10.6	−10.3	−21.2	21	−0.7	11	90	85	89	88	30	8. 14
Jahr	561.2	544.4	III	575.5	VII	−2.7	−1.0	−3.0	−2.4	−21.2	XII	18.0	VII VIII	81	83	87	84	3	II

Basel.

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$, $H_b = 277.2$ m, $G = 0.13$ mm, $h_r = 1.5$ m

Januar	742.8	730.2	1	753.6	24	0.4	3.0	1.5	1.6	−7.0	24	8.0	31	90	80	86	85	59	28
Februar	732.7	723.0	22	746.6	1	3.7	7.3	4.9	5.2	−0.8	10. 21	10.8	26. 27	87	69	81	79	45	22
März	737.8	717.6	3	744.9	29	4.2	9.1	6.3	6.5	−0.6	19	17.2	25. 27	86	67	83	79	47	25
April	732.1	718.7	21	744.1	30	6.6	12.9	9.1	9.4	0.8	10	20.6	11	82	57	76	72	28	4
Mai	737.5	728.0	10	745.1	1	11.0	16.2	13.0	13.3	5.0	13	26.8	7	79	59	76	71	34	8
Juni	740.0	729.0	4	745.9	12	11.2	16.0	12.9	13.2	6.6	18	24.2	10	83	61	79	74	30	12
Juli	739.4	730.0	31	745.6	21	18.2	25.2	20.7	21.2	13.0	1	32.2	14	73	46	70	63	26	14
August	738.6	731.8	21	746.3	4	15.2	22.9	18.3	18.7	9.4	31	32.8	10	78	49	71	66	24	9
September	740.3	728.5	15	748.4	29	11.3	18.7	13.9	14.4	8.0	2. 25	26.4	13	89	58	85	77	35	13
Oktober	736.2	723.1	24	746.0	18	10.6	15.0	11.9	12.4	1.4	17	24.4	21	87	70	86	81	34	21
November	733.8	721.7	28	742.3	3	3.1	6.4	3.7	4.2	−4.6	23	13.8	2	92	77	88	86	45	18
Dezember	737.1	722.1	28	748.2	14	1.1	2.7	1.5	1.7	−8.3	31	8.0	5. 28	88	81	86	85	59	3
Jahr	737.4	717.6	III	753.6	I	8.0	13.0	9.8	10.2	−8.3	XII	32.8	VIII	85	65	81	77	24	VIII

Neuchâtel.

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$, $H_b = 487.3$ m, $G = 0.06$ mm, $h_r = 1.3$ m

Januar	724.0	712.0	1	734.1	25	−0.5	2.0	0.5	0.7	−6.8	25	6.4	1	85	80	81	82	52	21
Februar	714.8	705.2	22	729.1	1	1.7	5.1	3.0	3.2	−2.1	21	9.1	2	93	79	90	87	61	23
März	719.5	701.1	3	726.1	29	3.1	8.5	4.8	5.3	−0.8	19	16.6	28	89	70	81	80	44	28
April	714.0	700.6	21	725.7	30	6.2	12.7	8.5	9.0	1.2	10	20.2	12	85	61	71	72	30	26
Mai	719.7	711.4	9. 10	727.1	1	10.0	16.1	11.8	12.4	4.9	11	26.7	7	83	61	75	73	39	4
Juni	721.7	711.5	4	727.0	10	11.7	16.9	12.5	13.4	5.8	17	24.7	10. 25	78	58	71	69	38	12
Juli	721.8	712.5	31	727.2	21	18.3	26.6	20.8	21.6	12.9	1	32.1	14	75	48	60	61	36	15. 28
August	720.9	714.2	31	727.3	4	15.6	24.6	18.8	19.4	9.6	29	33.6	14	77	49	61	62	28	17
September	722.4	711.0	15	729.9	30	11.8	19.2	13.8	14.6	6.7	25	25.4	11	84	59	74	73	43	13
Oktober	718.7	706.8	24	728.2	1	9.6	13.6	10.9	11.3	2.0	18	22.5	1	88	67	82	79	36	8. 16 17
November	715.7	705.4	28	724.4	11	3.2	5.6	3.8	4.1	−4.4	22. 23	12.7	3	90	82	84	85	48	15
Dezember	718.6	706.0	28	728.7	14	0.8	2.1	0.9	1.2	−7.6	31	8.0	27	87	80	85	84	42	25
Jahr	719.3	700.6	IV	734.1	I	7.6	12.6	9.2	9.7	−7.6	XII	33.6	VIII	85	66	76	76	28	VIII

Beobachter: **J. Haltner.**

Altstätten.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.6	7.2	8.8	8.2	88	17	31	20	13	14	—	—	2	1	23	13	5	2	0	0	0	2	18	53	Januar
8.5	7.8	7.7	8.0	96	28	1	18	16	6	—	—	3	0	17	0	9	6	2	1	8	12	3	43	Februar
7.0	6.4	5.7	6.4	26	5	7	13	7	3	—	—	1	5	13	24	5	9	3	2	1	7	5	37	März
6.2	5.9	5.6	5.9	75	18	15	13	9	—	—	—	0	9	13	11	15	8	4	4	3	7	7	31	April
5.2	5.1	5.9	5.4	77	20	10	17	11	—	—	1	0	5	6	7	14	11	0	1	2	2	13	43	Mai
7.4	7.4	7.6	7.5	175	29	25	20	17	—	—	3	0	2	15	6	15	7	2	0	2	7	16	35	Juni
4.1	3.8	4.7	4.2	87	21	17	11	10	—	—	1	0	10	5	9	8	6	3	2	4	10	11	40	Juli
3.9	3.8	4.4	4.1	93	32	15	9	8	—	—	4	0	11	4	16	7	1	0	0	5	11	14	39	August
5.5	4.6	4.8	4.9	82	22	23	11	8	—	—	1	0	7	9	6	13	4	1	5	7	5	6	43	September
6.1	6.9	6.4	6.5	155	38	13	16	13	—	—	1	2	4	12	2	6	3	1	8	14	9	6	44	Oktober
7.8	7.2	8.1	7.7	124	27	29	19	13	7	—	—	7	1	16	5	4	1	2	1	7	4	12	54	November
9.1	8.3	8.7	8.7	176	32	28	20	20	16	—	—	2	0	22	11	5	0	0	3	4	10	14	46	Dezember
6.6	6.2	6.5	6.5	1254	38	X	187	145	46	—	11	17	55	155	110	106	58	18	27	57	86	125	508	Jahr

Beobachter: **P. Steier.**

Säntis.

7.5	7.0	7.2	7.2	755	116	15	22	22	22	—	—	23	4	18	8	7	2	0	5	20	12	8	31	Januar
8.2	7.6	8.0	7.9	495	63	25	21	19	21	—	—	22	1	18	2	1	3	0	7	38	19	7	7	Februar
5.6	5.9	5.6	5.7	143	30	7	14	13	14	—	—	16	8	12	1	6	9	8	12	15	7	4	31	März
7.2	7.5	6.6	7.1	203	48	15	16	14	16	—	—	20	4	14	1	2	1	3	23	22	24	4	10	April
6.2	7.3	6.7	6.7	175	61	10	18	18	15	1	3	23	4	16	2	0	1	5	19	41	19	1	5	Mai
7.4	8.6	8.3	8.1	453	72	6	21	21	19	5	7	28	1	19	5	2	1	0	0	38	31	5	8	Juni
5.3	6.7	5.7	5.9	180	35	17	13	13	—	3	7	23	5	11	2	4	2	2	9	37	23	5	9	Juli
5.2	5.7	5.5	5.5	216	52	15	12	11	7	—	3	19	8	9	1	1	0	1	10	54	20	1	5	August
6.4	7.3	5.9	6.5	195	45	21	10	7	7	—	—	18	1	10	4	2	2	3	8	30	21	9	11	September
7.2	7.5	7.1	7.3	244	34	8	15	14	11	—	1	21	2	17	0	0	0	2	14	39	34	1	3	Oktober
7.3	7.5	7.5	7.4	220	52	17	18	18	18	—	—	20	1	15	2	4	2	6	16	44	11	1	4	November
8.4	6.9	7.3	7.5	448	48	26	20	20	20	—	—	24	3	18	2	2	4	6	6	24	31	6	12	Dezember
6.8	7.1	6.8	6.9	3727	116	I	200	190	170	9	21	257	42	177	30	31	27	36	129	402	252	52	136	Jahr

Beobachter: **Bernoullianum.**

Basel.

8.8	8.3	8.2	8.4	40	11	30	14	10	5	—	—	3	1	23	5	5	13	20	2	5	13	7	23	Januar
8.9	8.6	7.0	8.2	84	20	11	16	15	—	—	—	0	0	16	1	1	9	22	9	12	13	8	9	Februar
8.3	8.0	6.5	7.6	49	13	2	13	12	1	—	—	0	0	17	15	1	13	19	8	8	18	3	8	März
7.6	6.7	4.8	6.4	71	19	12	14	9	—	—	2	1	3	12	12	1	20	19	4	10	14	6	4	April
6.1	6.8	5.2	6.0	144	33	31	16	13	—	—	1	0	5	10	4	0	19	10	7	8	18	17	10	Mai
7.7	7.6	6.3	7.2	36	7	16	13	10	—	1	—	0	1	14	9	0	10	7	10	8	30	13	3	Juni
4.8	4.1	3.9	4.3	25	8	31	6	5	—	—	2	0	9	5	6	4	24	4	8	5	20	8	14	Juli
4.8	4.2	3.5	4.2	61	12	3	13	10	—	1	2	0	9	5	4	1	22	7	7	11	18	5	18	August
6.9	5.2	4.0	5.4	71	20	23	10	8	—	—	2	2	5	7	7	1	14	11	9	10	17	7	14	September
8.5	6.8	6.1	7.1	160	44	13	18	14	—	—	—	2	2	15	2	0	15	17	11	16	14	2	16	Oktober
8.9	8.0	7.2	8.0	142	24	26	17	15	4	—	—	9	1	19	1	0	7	21	18	8	11	13	11	November
9.6	8.1	9.5	9.1	83	15	24	19	14	11	—	—	3	0	24	8	3	8	19	5	10	23	9	8	Dezember
7.6	6.9	6.0	6.8	966	44	X	169	135	21	2	9	20	36	167	74	17	174	176	98	111	209	98	138	Jahr

Beobachter: **Observatorium.**

Neuchâtel.

8.7	8.2	7.3	8.1	30	8	20	12	7	9	—	—	1	2	19	5	40	3	1	0	5	16	12	11	Januar
9.3	8.5	7.6	8.5	100	17	18	18	13	4	—	—	9	0	16	3	10	0	3	0	18	25	7	18	Februar
8.6	7.6	6.5	7.6	63	21	2	13	8	4	—	—	4	0	15	3	28	12	2	8	6	12	3	19	März
7.5	6.5	5.7	6.6	60	23	12	12	10	—	1	1	3	1	11	13	17	12	3	6	11	6	7	15	April
6.0	6.5	5.8	6.1	150	31	29	16	14	—	1	—	2	5	11	12	7	6	7	4	20	8	19	10	Mai
6.3	7.2	6.8	6.8	29	9	15	11	9	—	1	3	0	1	13	15	16	14	2	2	13	11	11	6	Juni
4.6	5.3	4.4	4.8	23	8	18	5	4	—	—	2	0	8	5	13	15	17	11	2	11	10	12	2	Juli
4.4	4.0	2.9	3.8	60	17	31	9	8	—	—	—	0	11	3	11	10	19	1	9	19	10	6	8	August
6.3	5.7	4.8	5.6	83	32	23	10	9	—	—	—	1	3	8	17	16	8	8	5	15	8	3	10	September
8.2	7.5	6.9	7.5	201	42	13	19	17	—	—	2	6	0	19	10	6	3	4	0	20	20	17	13	Oktober
8.6	8.6	8.0	8.4	164	37	25	20	16	8	—	—	5	0	20	16	17	8	2	0	13	7	14	13	November
9.2	8.6	9.2	9.0	175	28	26	18	16	13	—	—	1	0	25	5	22	14	0	0	10	18	17	7	Dezember
7.3	7.0	6.3	6.9	1138	42	X	163	131	38	3	8	31	31	165	123	204	116	44	36	161	151	128	132	Jahr

Chaumont.

$\lambda = 6^{\circ}59'$, $\beta = 47^{\circ}1'$, $H_b = 1127^{m}$, $G = -0.02\ ^{m}/_{m}$, $h_r = 13^{m}$

1923	Luftdruck					Luft-Temperatur							Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	668.0	655.2	1	677.5	24	-3.9	-2.0	-3.4	-3.2	-10.1	19	2.0	31	97	88	92	93	45	25
Februar	660.5	652.2	22	674.2	1	-0.5	1.3	-0.1	0.2	-4.3	21	8.1	2	93	92	99	94?	25	2
März	665.0	647.8	3	672.8	29	0.4	3.1	1.3	1.5	-4.0	12	10.8	26	93	85	90	89	37	27
April	660.4	647.6	21	672.1	30	3.6	8.1	4.6	5.2	-3.2	9	16.0	22	89	77	86	84	45	11
Mai	666.4	658.9	9. 10	673.9	1	6.4	10.9	8.0	8.4	-1.0	13. 18	22.0	7	86	75	84	82	40	7
Juni	668.4	658.8	4	674.0	10	6.9	11.4	7.7	8.4	0.2	18	20.1	10. 30	90	76	87	84	50	2
Juli	669.8	658.5	31	675.8	21	16.3	22.0	17.3	18.2	9.6	2	27.9	14	77	65	74	72	44	12
August	668.8	660.7	1	674.4	4	13.2	18.2	14.5	15.1	6.0	28	28.1	10	80	66	74	73	33	21
September	668.2	657.9	15	677.9	30	8.3	12.0	8.4	9.3	5.5	20	17.5	11	93	84	91	89	60	5
Oktober	665.3	655.4	4	674.1	1	7.2	10.3	8.0	8.4	-1.0	4	18.8	24	93	86	90	90	55	12
November	661.4	652.6	28	669.6	1	0.5	2.6	0.4	1.0	-6.8	23	12.3	4	93	91	95	93	50	12
Dezember	663.3	652.3	28	672.5	16	-3.4	-2.6	-3.5	-3.4	-10.0	31	2.4	27	97	96	98	97	65	8
Jahr	665.5	647.6	IV	677.9	IX	4.6	7.9	5.3	5.8	-10.1	I	28.1	VIII	90	82	88	87	25	II

Bern.

$\lambda = 7^{\circ}26'$, $\beta = 46^{\circ}57'$, $H_b = 572.2^{m}$, $G = 0.05\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	716.0	704.1	1	725.8	25	-2.5	0.6	-1.1	-1.0	-11.6	24	5.9	10	92	84	89	88	63	18
Februar	707.0	698.3	22	721.6	1	0.7	4.5	2.3	2.5	-2.6	10	8.1	27	95	81	90	89	59	27
März	711.6	693.6	3	718.6	26	2.4	7.3	4.4	4.6	-3.0	17	14.7	27	90	73	84	82	48	28
April	706.2	693.4	21	718.2	30	5.1	11.6	7.8	8.1	-0.8	10	17.2	11	88	62	78	76	31	26
Mai	712.2	703.5	10	719.3	1	9.7	15.6	11.3	12.0	3.5	12	25.4	7	81	55	81	72	34	2. 21
Juni	714.7	704.9	4	719.7	12	10.5	15.4	11.8	12.4	5.1	18	23.5	10	83	57	79	73	33	30
Juli	715.0	706.8	31	720.3	21	17.0	24.4	19.4	20.1	12.3	1	30.4	13	78	48	72	66	34	15
August	714.1	707.6	31	720.5	4	14.3	22.6	17.3	17.9	8.2	29	32.2	10	79	48	71	66	23	10
September	715.5	704.9	15	722.8	29	9.8	17.5	12.8	13.2	4.8	25	23.8	12	89	60	86	78	37	10
Oktober	711.8	700.4	24	721.2	1	8.5	13.2	9.8	10.3	0.9	18	20.5	1	91	73	91	85	42	15
November	708.5	698.6	28	717.0	12	1.7	5.0	2.7	3.0	-6.4	23	12.8	2	94	79	92	88	50	18
Dezember	711.3	699.3	28	721.0	14	-0.4	1.2	-0.1	0.2	-8.6	31	6.3	27	91	82	90	88	48	25
Jahr	712.0	693.4	IV	725.8	I	6.4	11.6	8.2	8.6	-11.6	I	32.2	VIII	88	67	84	79	23	VIII

Genf.*)

$\lambda = 6^{\circ}9'$, $\beta = 46^{\circ}12'$, $H_b = 405.0^{m}$, $G = 0.02\ ^{m}/_{m}$, $h_r = 1.7^{m}$

Januar	731.4	719.5	1	742.0	25	-0.4	2.5	1.1	1.1	-6.8	25	9.0	31	83	74	83	80	57	13
Februar	722.5	712.0	22	737.3	1	2.1	6.2	4.2	4.1	-1.6	10	9.5	28	89	72	84	83	51	21. 23
März	726.7	711.6	3	733.8	26	3.9	8.7	6.4	6.3	0.0	13. 17	17.0	28	87	64	77	77	37	28
April	721.1	709.3	21	733.3	30	7.0	12.0	9.2	9.3	3.4	10	18.8	26	85	62	77	74	26	26
Mai	727.0	719.2	9	734.6	1	11.4	16.4	13.9	13.4	5.8	13. 28	27.4	7	75	55	71	68	30	7. 8
Juni	728.9	719.5	4	733.7	10	12.8	17.4	13.8	14.5	7.4	17	24.0	9	75	54	70	68	28	9
Juli	729.0	720.2	31	734.5	21	19.2	25.1	21.3	21.7	15.8	19	30.8	8	73	51	67	66	34	15. 31
August	728.0	722.5	21	734.3	4	16.7	23.7	19.9	20.0	10.0	29	34.0	15	73	50	62	64	27	15
September	729.7	718.6	15	737.0	30	12.0	18.2	14.4	14.8	6.5	25	26.0	11	85	64	82	77	47	6
Oktober	726.6	716.0	24	736.0	1	9.8	14.8	11.5	11.9	1.5	15. 18	23.3	25	90	73	87	84	48	12
November	723.3	712.9	28	731.6	12	3.5	6.6	4.3	4.7	-6.0	23	12.8	16	89	78	89	86	48	18
Dezember	726.5	715.5	28	736.0	17	1.8	3.9	1.9	2.4	-5.2	31	8.8	5	84	74	81	81	50	20
Jahr	726.7	709.3	IV	742.0	I	8.3	13.0	10.2	10.4	-6.8	I	34.0	VIII	82	64	77	76	26	IV

St. Bernhard.

$\lambda = 7^{\circ}11'$, $\beta = 45^{\circ}52'$, $H_b = 2475.8^{m}$, $G = -0.22\ ^{m}/_{m}$, $h_r = 6.0^{m}$

Januar	562.9	551.9	12	573.2	25	-10.2	-8.3	-9.7	-9.5	-19.2	18	0.0	25	78	74	79	77	24	24
Februar	558.0	549.7	19	570.7	1	-8.1	-5.1	-7.3	-7.0	-14.0	20	1.5	3	84	75	83	81	33	3
März	561.8	548.4	3	569.8	25	-8.1	-4.4	-7.1	-6.7	-14.2	11	1.0	28	87	78	87	84	40	13
April	559.1	549.1	21	570.8	30	-5.0	-1.4	-4.3	-3.7	-9.7	15	2.6	23	92	78	93	87	35	10
Mai	565.7	558.1	10	573.9	1	-0.6	3.8	0.4	1.0	-9.2	11	9.4	6	85	65	86	79	39	15
Juni	566.5	557.4	4	574.1	10	-0.2	4.2	0.4	1.2	-7.2	18	13.8	10	86	70	94	83	39	10
Juli	571.2	566.1	31	578.0	13	7.3	11.6	8.5	9.0	2.8	2	16.0	13	76	59	81	72	40	11 31
August	570.1	563.6	25	576.8	9	7.4	11.8	9.0	9.3	0.0	25	19.2	14	67	58	76	67	19	26
September	569.2	560.2	15	577.5	30	2.3	5.8	3.2	3.6	-3.4	19. 24	13.5	30	78	73	84	78	39	28. 29 30
Oktober	566.0	553.8	4	576.4	1	0.8	3.2	1.7	1.9	-7.2	15	13.7	1	79	79	81	80	22	11. 12
November	559.7	551.5	20	570.2	1	-6.3	-4.1	-5.8	-5.5	-15.9	20	5.0	1	85	82	88	85	37	23
Dezember	559.3	552.0	21. 29	568.4	17	-9.7	-8.5	-9.6	-9.4	-18.5	21	-1.6	17	70	72	72	71	43	18
Jahr	564.1	548.4	III	578.0	VII	-2.5	0.7	-1.7	-1.3	-19.2	I	19.2	VIII	81	72	84	79	19	VIII

*) **Genf.** Vergleiche Fussnote auf pag. 2. — Die Monatsmittel der Temperatur sind hier der in den Annalen gebräuchlichen Stundenkombination entnommen.

Beobachter: Frl. **E. Houriet.** **Chaumont.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	•	≧1.0	*	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.6	7.5	7.8	7.6	39	7	8	16	12	16	—	—	9	3	20	12	1	2	2	1	1	19	1	54	Januar
8.8	8.5	7.8	8.4	119	21	18	18	15	16	—	—	10	1	19	0	0	0	0	1	12	25	2	44	Februar
6.9	5.9	5.5	6.1	72	21	2	13	9	10	—	1	12	5	13	12	3	0	3	1	5	12	0	57	März
7.2	6.3	6.0	6.5	77	26	12	12	9	2	2	2	4	5	14	10	1	0	2	1	12	13	9	42	April
5.2	5.8	5.9	5.6	159	37	29	16	14	7	1	3	0	9	13	5	0	0	0	0	6	21	12	49	Mai
6.1	7.1	6.2	6.5	67	17	25	12	12	3	2	3	3	6	15	4	0	0	3	0	6	6	13	58	Juni
4.0	4.2	4.2	4.1	35	16	18	6	5	—	—	4	0	13	6	—	—	—	—	—	—	—	—	—	Juli
3.4	3.7	3.0	3.4	59	14	31	10	10	—	—	3	1	14	3	2	2	2	0	0	7	24	3	53	August
5.1	5.6	5.1	5.3	123	41	23	11	11	—	—	—	3	9	12	2	4	2	0	0	14	13	9	46	September
6.1	6.5	5.9	6.2	210	55	13	18	16	3	—	1	10	6	14	1	1	0	0	0	33	21	2	35	Oktober
7.5	5.5	7.9	7.0	152	35	25	19	17	17	—	—	10	1	19	1	0	0	3	0	18	6	4	58	November
8.5	8.3	8.5	8.4	168	24	30	19	18	19	—	—	12	0	22	3	2	1	0	0	16	8	7	56	Dezember
6.4	6.2	6.2	6.3	1280	55	X	170	148	93	5	17	74	72	170	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **Tellur. Observatorium.** **Bern.**

8.3	7.8	7.0	7.7	35	10	20	12	9	11	—	—	4	2	18	2	11	1	2	1	4	2	0	70	Januar
9.1	8.4	7.2	8.2	91	18	18	18	15	10	—	—	6	0	17	0	2	1	1	1	15	5	0	59	Februar
8.9	7.5	6.2	7.5	37	9	2	12	10	6	—	1	1	1	15	8	18	1	6	0	9	2	2	47	März
7.4	6.1	5.2	6.2	61	13	14	13	10	—	—	1	2	2	10	5	12	2	6	0	3	8	2	52	April
5.4	5.7	5.5	5.5	154	39	25	16	15	—	—	—	1	7	11	1	2	0	2	1	18	10	2	57	Mai
6.4	7.0	7.0	6.8	65	16	16	13	13	—	—	1	0	3	14	4	8	0	2	0	7	8	2	59	Juni
4.5	3.9	5.9	4.8	57	22	31	7	7	—	—	3	0	8	7	1	6	0	1	1	6	6	5	67	Juli
3.9	3.6	3.1	3.5	82	26	21	9	9	—	—	2	1	13	3	0	3	0	0	0	5	8	0	77	August
4.8	4.5	3.7	4.3	77	28	23	11	10	—	—	1	1	11	5	4	4	0	0	0	3	6	0	73	September
7.5	6.5	5.0	6.3	215	47	22	16	14	—	—	1	7	3	12	0	1	0	1	0	12	10	2	67	Oktober
8.3	8.1	8.2	8.2	152	22	7	19	18	7	—	—	8	1	21	2	4	1	0	3	9	9	1	61	November
9.6	8.7	9.2	9.2	125	21	24	17	14	14	—	—	3	0	23	2	13	1	4	1	16	9	2	45	Dezember
7.0	6.5	6.1	6.5	1151	47	X	163	144	48	—	10	34	51	156	29	84	7	25	8	107	83	18	734	Jahr

Beobachter: **Observatorium.** **Genf.**

7.6	6.3	6.1	6.7	21	5	8	7	4	4	—	—	3	4	15	19	19	0	1	0	3	2	0	49	Januar
7.4	7.4	6.8	7.2	92	20	26	14	13	2	—	—	3	1	14	10	9	0	2	4	22	3	3	31	Februar
7.4	5.9	5.5	6.3	53	18	2	10	8	—	—	1	0	3	11	21	19	0	0	1	11	2	2	37	März
7.0	5.6	5.6	6.1	113	24	26	14	11	—	3	4	1	5	10	17	18	1	1	3	14	2	1	33	April
5.1	4.5	4.1	4.8	135	29	25	12	12	—	—	1	0	11	8	11	8	0	0	7	27	0	7	33	Mai
3.8	4.8	3.2	3.9	34	10	4	9	5	—	—	6	0	11	6	22	24	0	3	4	11	0	7	19	Juni
2.6	3.0	3.3	3.0	72	45	9	7	4	—	—	3	0	17	3	14	14	0	1	2	23	1	1	37	Juli
3.0	2.4	2.3	2.6	85	37	31	6	5	—	—	3	0	17	3	15	15	1	1	4	17	0	4	36	August
3.6	3.9	4.3	3.9	85	48	23	8	7	—	—	2	1	12	6	9	9	0	0	1	17	1	2	51	September
7.8	6.4	5.4	6.5	168	49	13	16	12	—	—	3	6	3	13	4	3	0	0	3	25	0	1	57	Oktober
7.6	8.1	7.9	7.9	184	43	15	18	15	3	—	—	3	2	19	4	8	1	1	0	24	0	0	52	November
9.1	7.4	8.0	8.2	146	25	24	15	10	7	—	—	3	1	20	13	14	0	3	2	18	2	5	36	Dezember
6.3	5.5	5.2	5.6	1188	49	X	136	106	16	3	23	20	87	128	159	160	3	13	31	212	13	33	471	Jahr

Beobachter: **Hospiz.** **St. Bernhard.**

4.5	5.3	5.5	5.1	136	20	16	13	13	13	—	—	5	10	10	0	59	0	0	0	6	0	0	28	Januar
6.8	6.1	6.2	6.4	253	36	27	17	17	17	—	—	6	4	11	0	42	0	0	0	16	0	0	26	Februar
5.7	6.0	6.5	6.1	116	25	1	12	12	12	—	—	13	7	13	0	35	0	0	0	32	0	0	26	März
7.4	7.2	7.1	7.2	177	32	15	15	15	15	—	—	17	2	16	0	28	0	0	0	33	0	0	29	April
5.5	5.6	5.7	5.6	196	30	28	14	14	12	—	—	8	8	11	0	26	0	0	0	37	0	0	30	Mai
7.1	6.2	7.7	7.0	116	33	16	13	13	10	—	1	17	4	16	0	51	0	0	0	5	0	0	34	Juni
3.4	4.4	4.6	4.1	41	20	31	6	4	—	—	1	5	8	4	0	26	0	0	0	12	0	0	55	Juli
3.7	3.5	2.5	3.2	134	32	31	10	10	—	—	—	7	14	4	0	17	0	0	0	18	0	0	58	August
4.8	5.0	5.0	4.9	108	30	23	10	10	2	1	—	10	7	9	0	22	0	0	0	19	0	0	49	September
6.8	6.4	6.8	6.7	204	35	22	16	15	9	—	—	12	6	16	0	28	0	0	0	31	0	0	34	Oktober
6.5	6.9	7.5	7.0	271	38	28	21	21	21	—	—	7	3	13	0	17	0	0	0	41	0	0	32	November
7.2	6.6	6.4	6.7	273	35	22	19	19	19	—	—	3	4	12	0	55	0	0	0	14	0	0	24	Dezember
5.8	5.8	6.0	5.8	2025	38	XI	166	163	130	1	2	110	77	135	0	406	0	0	0	264	0	0	425	Jahr

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$, $H_b = 548.6$ m, $G = 0.00$ m/m, $h_r = 2.4$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	718.6	707.0	1. 12	728.2	25	−4.2	0.0	−2.4	−2.2	−11.2	19	4.8	31	86	63	79	76	44	23
Februar	709.9	701.3	22	723.9	1	0.6	6.0	2.6	2.9	−3.8	7	9.9	27	90	56	79	75	31	24
März	713.9	698.3	3	721.9	26	2.8	11.2	5.9	6.4	−2.0	14	17.4	24	82	38	67	63	22	19
April	708.4	695.9	21	720.4	30	7.3	15.1	10.0	10.6	3.4	10	20.1	11.12	75	41	54	57	25	2. 11
Mai	714.1	705.4	10	723.5	2	11.2	19.2	13.1	14.2	6.4	30	27.8	7	69	40	58	56	25	2. 12
Juni	715.5	705.9	4	721.5	10	12.5	19.3	13.8	14.9	7.0	17.18	25.6	10	73	44	57	58	29	6
Juli	716.2	707.0	31	722.3	13	18.6	27.1	21.5	22.2	14.8	1	31.7	14	67	40	53	53	28	10
August	715.3	708.7	24	721.3	4	16.1	24.1	19.0	19.5	10.2	26	30.8	10	75	46	56	59	29	18
September	717.0	706.0	15	724.7	29	11.0	19.4	13.9	14.6	5.8	25	24.0	12	88	45	71	68	34	19
Oktober	714.0	703.4	24	723.9	1	8.5	14.9	10.9	11.3	3.3	15.17	22.1	1	91	58	83	77	32	12
November	710.5	701.1	28	719.2	12	3.4	8.2	4.8	5.3	−6.0	23	16.0	12	85	58	77	73	32	21
Dezember	713.3	702.2	28	723.2	17	−0.7	1.9	0.1	0.4	−6.4	7	6.6	2	87	71	85	81	36	23
Jahr	713.9	695.9	IV	728.2	I	7.3	13.9	9.4	10.0	−11.2	I	31.7	VII	81	50	68	66	22	III

Lugano.

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$, $H_b = 276.2$ m, $G = 0.03$ m/m, $h_r = 1.7$ m

Januar	739.4	726.5	12	750.6	26	0.5	5.7	1.7	2.4	−3.5	23	11.8	16	67	49	66	61	20	19
Februar	732.8	721.4	19	741.4	1	1.9	7.8	3.4	4.1	−1.4	8	15.2	1	79	54	72	68	38	28
März	737.2	719.8	3	745.5	26	4.4	13.4	7.5	8.2	1.0	18.14 19	19.2	27.30	69	43	61	58	24	12
April	732.5	722.2	15	743.5	30	8.0	13.6	9.3	10.1	4.0	3	19.1	30	72	54	71	66	29	15
Mai	737.4	727.7	10	745.8	1	13.6	20.3	15.1	16.0	9.4	19	26.2	7	68	51	64	61	30	18
Juni	737.2	727.2	4	744.9	9	14.9	21.2	16.2	17.1	10.8	19	26.2	11	62	46	59	56	23	7
Juli	739.0	731.7	27	745.8	13	20.3	27.4	21.5	22.7	16.6	2	31.4	27	65	48	65	59	20	27
August	737.5	729.7	18	743.2	10	19.5	27.6	20.4	22.0	14.6	26	32.4	11	66	49	63	59	24	19
September	740.0	729.2	15	747.2	28	13.4	21.5	15.2	16.3	7.8	20	26.2	12.13	77	48	77	67	22	24
Oktober	737.3	722.7	4	746.6	18	11.0	17.0	12.1	13.1	4.3	17	23.8	1	79	58	83	73	25	15
November	734.3	726.1	22	745.6	12	5.8	10.1	6.5	7.2	−1.4	22	16.4	1	73	61	76	70	27	19
Dezember	734.9	724.1	23	744.7	11	1.9	6.4	2.2	3.2	−3.4	31	12.6	19	61	50	65	59	24	20. 21
Jahr	736.6	719.8	III	750.6	I	9.6	16.0	10.9	11.9	−3.5	I	32.4	VIII	70	51	68	63	20	I. VII

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$, $H_b = 1707.6$ m, $G = -0.12$ m/m, $h_r = 1.6$ m

Januar	620.5	611.0	1. 12	631.1	24	−13.4	−5.8	−11.4	−10.5	−25.2	22	−0.8	15	82	66	80	76	48	15
Februar	614.5	605.7	19	625.6	1	−8.9	0.1	−6.2	−5.3	−20.1	21	8.4	2	83	58	74	71	38	2
März	619.0	603.6	3	627.3	26	−9.1	2.0	−4.5	−4.1	−16.8	13	6.7	30	84	54	75	71	40	26. 27
April	615.3	607.4	21	626.7	30	−1.3	5.2	0.2	1.1	−8.0	2	9.4	30	85	60	85	76	42	30
Mai	621.5	612.5	10	629.9	1	4.9	11.6	4.9	6.6	−1.9	10	18.7	8	76	48	77	67	28	2
Juni	622.0	612.6	4	629.0	9.10	6.0	11.3	9.5	7.0	−1.5	18	20.8	10	74	50	72	65	23	9
Juli	625.2	619.7	31	632.1	13	11.0	19.9	12.5	14.0	6.3	3	25.6	14	79	45	72	65	27	6
August	624.0	616.7	18	630.3	10	8.5	18.9	11.0	12.4	2.4	26	26.4	10	84	47	72	68	28	10
September	624.4	615.1	15	632.6	30	3.7	12.9	6.3	7.3	−1.8	25	18.3	30	89	53	82	75	36	29
Oktober	621.0	607.5	4	631.4	1	1.9	9.0	3.5	4.5	−6.2	5	19.0	1	87	63	83	78	33	11
November	616.2	608.7	19	627.0	12	−4.2	2.2	−2.4	−1.7	−17.2	20.21 22	12.4	1	87	67	83	79	46	1. 2
Dezember	615.8	606.1	23	625.6	11	−9.2	−5.0	−8.6	−7.9	−16.5	31	3.2	17	81	73	80	78	48	25
Jahr	619.9	603.6	III	632.6	IX	−0.8	6.9	0.9	2.0	−25.2	I	26.4	VIII	83	57	78	72	23	VI

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$, $H_b = 2102.9$ m, $G = -0.14$ m/m, $h_r = 1.8$ m

Januar	589.6	579.7	12	599.5	24	−10.0	−8.0	−9.5	−9.3	−21.4	19	0.8	26	86	78	85	83	40	24
Februar	584.2	575.5	19	595.5	1	−6.5	−3.3	−6.8	−5.9	−13.1	20	4.0	4	81	69	72	77	45	2
März	588.6	574.0	3	596.8	25	−6.0	−1.5	−6.1	−4.9	−12.6	13	6.4	31	78	68	83	76	49	17
April	585.5	576.9	21	597.1	30	−3.0	0.7	−3.0	−2.0	−7.2	15	5.5	11	84	73	90	82	41	1
Mai	591.9	583.3	10	599.8	1	2.0	6.3	1.7	2.9	−7.0	11	14.4	7	67	55	76	66	39	6.8.19
Juni	592.6	583.0	4	599.9	10	1.1	4.3	0.9	1.8	−5.6	18	12.2	10	71	60	82	71	31	8
Juli	596.8	591.5	31	603.7	13	10.1	14.1	9.9	11.0	3.8	20	21.5	14	61	49	68	59	29	26
August	595.6	588.5	25	603.0	9	9.2	13.1	9.3	10.2	2.0	25	22.0	10	51	44	61	52	19	10
September	595.2	586.0	15	603.3	30	3.8	6.6	4.3	4.7	−3.0	19	14.3	30	63	54	68	62	25	29
Oktober	591.6	579.4	4	601.9	1	2.0	4.3	2.0	2.6	−6.2	15	14.4	1	64	61	68	64	29	1.12
November	586.7	578.5	19	598.0	2	−4.6	−2.6	−4.3	−3.9	−12.8	20.21	8.4	1	66	60	65	64	30	22
Dezember	585.6	577.0	23	595.0	11	−8.5	−7.6	−8.7	−8.4	−16.0	21	0.2	12	59	57	59	58	40	13. 14
Jahr	590.3	574.0	III	603.7	VII	−0.9	2.2	−0.9	−0.1	−21.4	I	22.0	VIII	68	63	74	68	19	VIII

Beobachter: **Couvent des Capucins.** **Sitten.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●/✱	●✱ ≥1.0	✱	▲	(K)	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.9	5.1	5.4	5.5	15	7	10	5	3	4	—	—	1	10	10	0	12	0	0	1	1	4	0	75	Januar
6.9	6.8	6.5	6.7	53	17	26	13	11	4	—	—	3	1	10	0	1	0	0	6	3	3	1	70	Februar
4.9	4.6	4.1	4.5	19	7	2	5	5	2	—	—	0	11	7	0	14	0	1	5	13	8	2	50	März
6.7	5.5	4.9	5.7	17	6	21	7	6	—	—	—	0	4	8	0	8	0	1	2	17	5	5	52	April
4.9	4.5	5.4	4.9	72	43	29	9	6	—	—	1	0	7	7	0	2	0	1	0	26	3	2	59	Mai
5.7	4.9	5.3	5.3	18	4	16	8	6	—	—	—	0	6	8	0	3	0	1	0	26	4	1	56	Juni
2.8	3.8	3.9	3.5	29	18	31	5	4	—	—	1	0	14	2	2	11	0	1	0	17	16	2	44	Juli
3.3	3.2	2.5	3.0	43	15	15	8	6	—	—	2	0	15	3	2	7	0	0	0	19	5	2	58	August
4.0	4.5	3.4	4.0	30	16	23	6	4	—	—	—	0	13	5	0	3	1	1	0	9	1	1	74	September
6.3	5.8	5.4	5.8	101	33	22	14	11	—	—	—	3	7	10	0	3	0	0	0	9	2	0	79	Oktober
6.6	6.9	6.8	6.8	68	12	15	13	12	4	—	—	5	1	10	1	3	0	0	1	8	0	0	77	November
7.4	6.7	7.3	7.1	187	28	22	13	13	10	—	—	4	4	14	0	3	0	0	0	14	5	0	71	Dezember
5.4	5.2	5.1	5.2	652	43	V	106	87	24	—	4	16	93	94	5	70	1	5	15	162	56	16	765	Jahr
Beobachter: **G. Malatesta.**																								**Lugano.**
4.3	4.1	2.5	3.6	0	—	—	0	0	0	—	—	1	14	6	1	10	0	0	0	0	0	0	82	Januar
6.9	6.6	5.4	6.3	62	24	18	6	6	2	—	—	0	4	10	0	0	1	1	2	0	0	0	80	Februar
5.7	4.4	4.3	4.8	28	12	14	5	4	—	—	—	1	6	8	8	1	0	1	3	1	0	0	79	März
6.9	7.1	6.0	6.7	236	43	21	15	15	—	3	—	0	5	12	6	0	0	1	2	0	0	0	81	April
4.9	4.3	4.9	4.7	250	68	30	12	12	—	—	1	0	8	6	2	1	0	0	0	0	0	0	90	Mai
3.4	4.2	4.0	3.9	159	48	4	11	11	—	1	4	0	10	6	0	13	0	0	0	0	0	0	77	Juni
2.8	3.0	2.9	2.9	140	29	17	8	8	—	2	6	0	13	1	2	0	0	0	0	0	0	0	91	Juli
3.8	3.2	1.9	3.0	91	58	31	4	4	—	—	—	0	14	3	2	6	0	1	0	1	0	0	83	August
3.4	3.8	3.3	3.5	169	45	23	11	9	—	2	3	0	13	4	3	0	0	0	1	1	0	0	85	September
6.5	5.9	5.2	5.9	179	57	3	12	12	—	—	2	2	7	11	0	4	0	0	0	0	0	0	89	Oktober
5.1	5.4	6.7	5.7	180	49	28	16	16	—	—	—	4	5	12	4	0	0	0	0	0	0	1	85	November
4.2	4.5	2.9	3.9	25	13	1	5	5	1	—	—	0	14	6	9	4	0	0	0	0	0	0	80	Dezember
4.8	4.7	4.2	4.6	1519	68	V	105	102	3	8	16	8	113	85	37	39	1	4	8	3	0	1	1002	Jahr
Beobachter: **G. Krättli.**																								**Bevers.**
5.8	5.7	4.5	5.3	15	4	16	8	5	8	—	—	0	5	8	5	1	0	0	1	2	4	2	78	Januar
6.3	6.1	5.4	5.9	22	6	19	9	8	8	—	—	1	3	7	4	2	1	0	1	9	3	0	64	Februar
5.0	4.6	3.7	4.4	10	4	3	5	5	5	—	—	0	11	5	5	4	0	0	1	8	1	3	71	März
6.2	7.0	5.9	6.4	65	22	21	15	9	13	—	—	0	3	10	5	5	0	0	4	12	2	2	60	April
4.9	5.4	4.8	5.0	92	25	10	15	14	5	—	1	0	6	5	3	3	0	0	8	24	4	1	50	Mai
6.5	6.8	6.1	6.5	56	30	4	9	7	2	—	2	1	3	9	7	3	1	0	1	11	13	5	49	Juni
3.2	4.9	5.4	4.5	61	20	31	12	9	—	2	2	2	3	3	2	1	0	0	4	10	4	1	71	Juli
3.6	4.0	2.9	3.5	103	21	24	11	10	—	—	7	0	10	2	1	0	0	0	3	12	7	2	68	August
6.2	5.5	5.1	5.6	96	41	23	12	11	3	—	1	5	5	8	3	2	0	0	1	6	5	1	72	September
6.4	6.0	5.0	5.8	132	39	13	14	13	5	—	1	0	6	11	1	0	0	0	5	7	4	1	75	Oktober
5.9	6.1	6.5	6.2	121	25	26	14	12	12	—	—	0	0	6	0	1	0	0	4	4	0	2	79	November
6.4	6.7	6.2	6.4	106	17	23	16	14	16	—	—	0	6	14	2	2	1	1	1	2	3	1	80	Dezember
5.5	5.7	5.1	5.5	879	41	IX	140	117	77	2	14	9	61	88	38	24	3	1	34	107	50	21	817	Jahr
Beobachter: Frl. **F. Lombardi.**																								**St. Gotthard** (Hospiz).
5.6	5.1	6.0	5.6	155	38	20	11	10	11	—	—	22	9	11	68	7	1	0	4	0	0	0	13	Januar
5.3	5.1	4.5	5.0	42	19	17	5	5	5	—	—	13	7	6	43	0	1	6	9	0	0	0	25	Februar
4.0	4.8	5.0	4.6	42	13	3	5	5	5	—	—	18	9	8	32	0	2	4	14	0	0	3	38	März
6.5	7.3	6.9	6.9	224	37	21	14	14	14	—	—	21	4	16	35	1	3	8	17	0	0	0	26	April
5.0	5.6	6.5	5.7	336	54	29	16	16	8	—	1	9	7	11	20	0	2	25	20	0	0	0	26	Mai
5.7	5.5	7.4	6.2	93	12	4	15	15	10	—	—	21	6	12	69	3	0	3	0	0	0	0	15	Juni
1.5	2.1	4.9	3.8	58	19	18	9	7	—	—	—	8	15	1	36	4	0	3	5	0	1	0	44	Juli
2.4	2.1	4.5	3.0	201	121	31	10	8	1	1	2	10	14	4	42	5	1	5	13	0	0	0	27	August
4.7	4.6	5.2	4.8	244	78	17	12	11	4	—	—	14	10	9	40	2	2	16	6	0	0	1	23	September
7.2	6.5	5.2	6.3	517	64	13	22	20	8	—	—	18	5	13	23	5	4	30	6	0	0	4	21	Oktober
7.1	6.9	6.6	6.9	341	47	7	17	17	17	—	—	23	2	14	0	29	0	44	2	0	0	0	15	November
7.6	7.3	6.1	7.0	261	50	22	13	13	13	—	—	18	5	16	0	62	0	25	0	0	0	0	6	Dezember
5.1	5.2	5.7	5.4	2514	121	VIII	149	141	96	1	3	195	93	121	408	108	16	169	96	0	1	8	289	Jahr

Sargans.

$\lambda = 9°26'$, $\beta = 47°3'$, $H_b = 506.7$ m, $G = 0.06$ m/m, $h_r = 1.2$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	722.0	710.9	1	731.9	24	−2.6	0.9	−1.2	−1.0	−9.4	19	4.1	9	91	79	89	86	42	22
Februar	712.8	703.5	8	725.7	1	1.3	5.9	3.0	3.3	−2.5	6	12.2	8	87	70	80	79	28	24
März	717.4	698.1	3	724.6	26	3.3	10.9	5.5	6.3	−0.2	13	19.8	26	81	52	74	69	29	23. 27
April	712.2	699.4	21	723.6	30	6.5	13.8	8.2	9.2	2.0	3. 8	22.7	12	82	54	71	69	28	6. 8. 7 12. 13
Mai	717.5	707.4	10	725.0	1	11.1	19.6	11.9	13.6	5.0	12	28.8	6. 7	74	44	74	64	27	12. 16
Juni	719.6	708.5	4	724.8	12	10.8	16.2	11.3	12.4	5.0	18	25.8	10	87	59	82	76	35	30
Juli	719.9	710.4	31	726.0	21	17.0	25.8	18.7	20.0	13.2	2. 3	33.0	14	80	49	73	67	37	14
August	719.0	711.5	18	725.5	4	15.1	23.4	16.9	18.1	9.5	29	31.8	10	80	53	77	70	32	18
September	720.8	709.2	15	728.8	30	11.0	19.0	12.8	13.9	5.2	24	25.8	13	86	55	84	75	31	17
Oktober	717.0	703.8	24	726.5	1	9.5	14.9	10.5	11.4	2.9	4	23.0	1	89	66	87	81	33	27
November	713.9	701.7	28	722.3	12	2.5	7.7	3.6	4.4	−3.6	22	17.8	28	88	70	88	82	33	28
Dezember	716.4	703.4	28	727.1	14	−0.6	1.3	−0.3	0.0	−7.8	31	8.0	8	91	85	93	90	36	9
Jahr	717.4	698.1	III	731.9	I	7.1	13.3	8.4	9.3	−9.4	I	33.0	VII	85	61	81	76	27	V

Heiden.

$\lambda = 9°32'$, $\beta = 47°27'$, $H =$ ca. 804 m, $G = 0.04$ m/m, $h_r = 1.7$ m

Januar	695.6	684.7	1	705.5	25	−2.8	−0.6	−2.4	−2.1	−12.3	14	5.3	31	82	79	81	81	47	3
Februar	687.2	678.8	8	699.5	1	0.5	3.3	0.9	1.4	−6.4	21	8.3	26	81	71	81	78	36	8
März	692.1	673.8	3	700.2	29	1.5	6.0	2.3	3.0	−3.9	20	13.3	27	81	67	82	77	39	23
April	687.3	674.5	21	699.0	30	4.5	9.0	5.1	5.9	−2.0	9	18.8	12	73	61	74	69	34	6
Mai	692.9	682.9	10	700.5	1	9.9	13.7	9.6	10.6	1.0	18	22.6	7	70	60	76	69	42	7
Juni	694.7	684.3	4	700.9	10	9.3	12.7	8.8	9.9	1.0	18	20.4	10	75	63	78	72	40	11
Juli	696.0	685.2	31	702.3	21	16.8	21.5	16.1	17.6	12.0	28	28.2	14	68	55	72	65	35	8
August	694.9	687.2	24	700.9	4	15.0	18.9	14.0	15.5	9.1	30	27.9	10	69	59	76	68	35	18
September	695.8	684.2	15	703.9	29	11.2	15.2	10.6	11.9	4.3	24	22.1	14	74	63	75	71	31	14
Oktober	691.8	681.9	24	701.2	1	9.0	12.2	10.2	10.4	−2.1	18	20.4	1	74	67	70	70	33	27
November	688.5	678.8	28	696.1	1	1.0	4.1	1.5	2.0	−8.2	22	13.3	2	83	75	80	79	45	21
Dezember	690.1	678.3	23	700.6	14	−2.5	−0.9	−2.2	−2.0	−12.3	31	4.8	9	84	79	82	82	41	4
Jahr	692.2	673.8	III	705.5	I	6.1	9.6	6.2	7.0	−12.3	I. XII	28.2	VII	76	67	77	73	31	IX

St. Gallen.

$\lambda = 9°23'$, $\beta = 47°26'$, $H_b = 702.0$ m, $G = 0.06$ m/m, $h_r = 1.4$ m

Januar	704.4	693.1	1	714.2	25	−1.9	0.6	−1.6	−1.1	−12.8	19	5.4	9	89	79	86	85	46	3
Februar	695.6	686.8	22	708.0	1	0.8	4.5	1.8	2.2	−3.4	21	10.4	26	88	76	86	83	46	26
März	700.6	681.4	3	707.6	29	2.1	6.7	2.9	3.7	−2.4	12	14.6	26	89	69	85	81	46	23
April	695.6	682.7	21	707.6	30	5.0	10.0	5.6	6.6	−1.4	8	17.6	12	81	64	76	74	32	26
Mai	701.1	691.4	10	708.5	1	11.1	15.5	9.8	11.6	2.4	18	25.0	7	69	53	76	66	37	3
Juni	703.2	692.6	4	708.4	12	10.4	13.9	9.1	10.6	3.1	17	23.0	25	83	63	84	77	40	30
Juli	704.0	693.4	31	709.5	21	17.4	22.6	16.6	18.3	12.3	19	31.1	14	75	55	78	69	40	9
August	702.9	695.9	18. 31	709.7	4	15.3	20.6	14.8	16.4	9.4	29	30.0	10	76	60	78	71	38	18
September	704.2	692.6	25	712.1	29	11.1	16.5	11.7	12.8	6.0	19	23.2	13	85	66	82	78	39	17
Oktober	700.1	688.6	24	709.4	1	9.2	13.3	9.7	10.5	0.6	16	22.8	1	86	70	81	79	31	28
November	696.9	686.0	28	705.0	12	1.4	4.7	1.7	2.4	−6.2	22	13.4	17	88	77	88	85	44	20
Dezember	699.1	685.8	28	709.5	14	−1.8	0.3	−1.7	−1.3	−11.4	31	7.6	18	86	80	84	83	57	16
Jahr	700.6	681.4	III	714.2	I	6.8	10.8	6.7	7.7	−12.8	I	31.1	VII	83	68	82	78	31	X

Kreuzlingen.

$\lambda = 9°11'$, $\beta = 47°39'$, $H_b = 424.0$ m, $G = 0.11$ m/m, $h_r = 1.4$ m

Januar	728.9	717.7	1	739.4	24	−0.4	1.8	0.2	0.4	−8.4	19	6.8	10	93	81	90	88	60	21
Februar	719.3	710.2	22	731.3	1	2.1	5.4	3.3	3.5	−1.8	8. 21	9.5	26	95	74	86	85	40	24
März	724.4	704.6	3	731.5	26	3.3	8.0	4.8	5.2	−1.2	13	14.1	27	92	62	81	78	43	24. 31
April	719.0	705.3	21	730.7	30	6.4	11.1	7.6	8.2	1.6	8. 9	17.6	12.	82	57	73	71	30	7
Mai	724.3	714.4	10	732.0	1	12.1	16.1	11.6	12.8	3.0	15	25.0	8	71	49	71	64	30	20
Juni	726.4	715.2	4	732.1	12	11.9	15.8	11.7	12.8	6.2	17	23.8	11	77	53	77	69	32	9. 30
Juli	726.4	717.1	31	732.8	21	19.9	24.5	19.1	20.6	13.0	19	32.0	14	61	42	64	56	30	14. 15 16
August	725.7	718.0	18	733.0	4	17.0	21.7	17.3	18.2	9.8	29	29.5	10	65	47	65	59	27	14
September	727.3	715.0	15	735.4	30	11.9	17.5	13.0	13.9	8.0	21. 24	22.8	11	89	55	81	75	38	5
Oktober	723.2	710.4	24	732.8	18	9.7	13.7	10.1	11.0	1.0	16	21.2	25	91	70	91	84	40	25
November	720.7	709.5	28	729.1	11. 12	2.4	5.6	3.2	3.6	−3.8	22	12.4	17	94	76	92	87	41	18
Dezember	723.1	708.6	28	734.4	14	−0.7	1.4	−0.5	−0.1	−10.6	31	7.0	18	91	80	89	87	50	25
Jahr	724.1	704.6	III	739.4	I	8.0	11.9	8.5	9.2	−10.6	XII	32.0	VII	83	62	80	75	27	VIII

Beobachter: **J. A. Albrecht.**

Sargans.

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.5	7.2	7.2	7.3	108	24	16	17	17	14	—	—	0	2	17	0	0	6	1	3	0	5	0	78	Januar
7.4	7.1	6.6	7.0	75	26	1	16	14	6	—	—	2	2	12	0	0	6	0	8	0	9	0	61	Februar
6.0	5.7	6.2	6.0	27	7	4	12	10	5	—	—	1	5	12	0	0	12	0	7	0	16	0	58	März
6.1	6.2	5.8	6.0	78	15	16	12	10		—	—	0	6	12	0	0	5	5	11	1	11	0	57	April
4.5	5.5	6.5	5.5	94	19	14	14	10	—	—	1	0	5	6	0	0	4	0	7	0	26	0	56	Mai
7.3	7.8	7.6	7.6	113	16	18	21	20	—	—	1	1	3	18	0	0	3	2	2	0	32	0	51	Juni
3.9	4.4	4.9	4.4	100	28	17	13	12	—	—	2	0	10	7	0	0	1	1	8	0	21	0	62	Juli
3.8	4.2	4.6	4.2	112	38	15	10	10	—	—	2	1	9	5	0	0	9	0	6	1	20	0	57	August
4.8	5.1	5.4	5.1	119	48	23	10	9	—	—	—	1	7	7	0	0	6	3	9	0	14	0	58	September
6.5	6.3	5.7	6.2	136	57	13	14	12	—	—	—	1	5	12	0	0	2	0	12	0	18	0	61	Oktober
6.8	5.5	6.9	6.4	113	25	7	15	12	6	—	—	4	2	10	0	0	5	2	7	0	14	0	62	November
9.4	8.5	8.9	8.9	221	30	27	19	17	16	—	—	0	0	24	0	0	2	0	3	2	16	0	70	Dezember
6.2	6.1	6.4	6.2	1296	57	X	173	153	47	—	6	11	56	142	0	0	61	14	83	4	202	0	731	Jahr

Beobachter: **G. Landolf.**

Heiden.

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.5	7.7	6.1	7.1	111	21	8	17	16	16	—	—	1	5	16	3	1	1	6	5	4	4	13	56	Januar
7.9	7.0	6.3	7.1	99	23	1	18	18	15	—	—	2	1	14	0	3	0	5	14	10	2	0	50	Februar
6.9	6.1	4.7	5.9	34	6	2	11	11	?1	—	—	2	8	12	2	0	0	7	8	4	0	0	72	März
5.3	4.1	3.3	4.2	117	21	16	13	11	?1	—	—	1	10	7	17	0	0	1	15	16	0	2	39	April
4.8	4.1	5.1	4.7	108	22	14	15	14	1	—	—	0	9	7	8	2	1	12	13	22	4	2	29	Mai
6.7	6.8	5.9	6.5	245	33	25	20	19	—	—	2	0	6	14	8	1	0	9	8	22	1	14	27	Juni
3.4	2.1	2.8	2.8	107	28	17	11	10	—	—	1	0	16	2	1	0	0	2	15	9	3	2	61	Juli
2.9	2.7	2.9	2.8	86	26	15	10	10	—	—	—	0	15	2	0	0	0	2	16	16	0	0	59	August
4.0	3.1	2.5	3.2	94	23	1	8	8	—	—	—	1	14	3	1	1	0	2	12	14	1	0	59	September
5.8	5.7	3.0	4.8	146	34	13	15	14	—	—	1	0	8	11	1	0	0	2	29	17	1	0	43	Oktober
6.7	6.0	5.5	6.1	132	33	7	17	16	8	—	—	8	5	13	0	0	0	7	7	21	0	2	53	November
8.7	8.1	6.9	7.9	160	30	28	19	19	14	—	—	7	2	19	0	1	0	3	17	19	3	2	48	Dezember
5.9	5.3	4.6	5.3	1439	34	X	174	166	?56	—	?4	22	99	120	41	9	2	58	159	164	19	37	606	Jahr

Beobachter: **J. G. Kessler.**

St. Gallen.

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
9.2	8.0	8.7	8.6	108	17	12	18	16	17	—	—	4	0	23	8	1	0	0	0	17	0	3	64	Januar
8.3	8.0	8.2	8.2	93	28	1	21	16	15	—	—	7	0	19	4	2	0	0	2	21	2	1	52	Februar
7.2	7.3	5.5	6.7	39	7	2	12	10	9	—	1	8	6	14	12	6	0	0	2	5	0	1	67	März
6.7	6.1	5.5	6.1	95	18	14	13	11	5	—	—	6	7	12	16	2	0	1	2	9	3	2	55	April
5.5	5.5	5.3	5.4	96	18	14	16	13	2	—	2	0	5	11	8	7	0	2	2	12	4	4	54	Mai
7.4	7.4	6.8	7.2	185	34	25	19	18	—	—	5	3	3	10	6	7	1	0	3	17	4	5	47	Juni
4.0	3.7	4.3	4.0	78	23	17	10	8	—	—	4	0	13	7	9	2	0	0	2	10	5	4	61	Juli
3.7	4.2	4.3	4.1	95	26	31	10	10	—	—	3	1	10	5	10	5	1	0	3	18	3	3	50	August
5.3	5.0	4.7	5.0	81	17	21	11	6	—	—	—	3	8	10	7	4	0	2	0	16	3	4	54	September
6.4	7.0	6.5	6.6	102	25	13	15	12	—	—	1	1	5	14	5	0	0	4	3	23	1	1	56	Oktober
7.1	6.9	8.0	7.3	130	39	7	16	14	9	—	—	7	1	14	7	1	0	0	3	5	4	0	70	November
9.1	8.8	8.8	8.9	162	27	28	21	16	20	—	—	7	0	23	3	1	0	0	1	9	11	3	65	Dezember
6.7	6.5	6.4	6.5	1264	39	XI	182	150	77	—	16	47	58	162	95	38	2	9	23	162	40	31	695	Jahr

Beobachter: **J. Brauchli.**

Kreuzlingen.

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
9.0	8.7	8.6	8.8	49	16	8	14	8	9	—	—	1	0	24	3	8	4	0	9	9	29	3	28	Januar
9.5	8.6	8.2	8.8	65	8	18	17	17	4	—	—	5	0	19	3	3	6	3	7	20	27	2	13	Februar
8.5	6.9	6.3	7.2	26	9	2	11	5	1	—	—	5	2	18	7	15	12	3	3	5	13	3	32	März
7.9	6.3	6.0	6.7	61	14	15	10	8	—	—	1	3	4	14	4	9	10	5	9	10	15	6	22	April
6.5	5.5	5.2	5.7	68	19	14	13	10	—	—	1	0	5	7	6	2	7	5	5	10	25	6	27	Mai
7.8	7.7	4.0	6.5	79	18	18	16	14	—	1	4	2	1	15	4	7	3	1	5	13	28	13	16	Juni
4.9	4.5	4.2	4.5	47	22	31	9	7	—	—	4	0	10	5	5	5	12	1	6	7	20	8	29	Juli
4.1	4.8	4.0	4.3	35	11	31	10	9	—	—	3	0	10	3	2	9	10	1	0	10	20	2	39	August
8.0	5.1	4.8	6.0	56	20	20	7	6	—	—	1	5	2	11	2	3	12	1	0	10	18	1	43	September
9.0	7.4	6.5	7.6	101	18	13	13	12	—	—	—	8	0	16	1	0	3	0	4	13	28	3	41	Oktober
8.7	7.6	8.2	8.2	97	26	7	17	15	5	—	—	6	1	20	1	2	6	3	10	15	25	4	24	November
9.1	8.8	9.1	9.0	111	23	26	17	14	14	—	—	1	0	24	3	4	2	2	11	14	40	4	13	Dezember
7.7	6.8	6.3	6.9	795	26	XI	154	125	33	1	14	36	35	176	41	67	87	25	69	136	288	55	327	Jahr

Frauenfeld.

$\lambda = 8° 54'$, $\beta = 47° 34'$, $H_b = 432.9$ m, $G = 0.11$ m/m, $h_r = 1.5$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	728.7	716.2	1	739.2	24	−1.2	1.7	−0.3	0.0	−10.1	22	6.8	10	92	80	89	87	57	21
Februar	719.2	709.8	22	732.1	1	1.9	5.7	3.2	3.5	−2.2	21	10.4	26	93	72	86	84	44	24
März	724.2	705.1	3	731.2	26	2.2	8.6	4.6	5.0	−2.6	20	17.0	27	94	61	83	79	38	25
April	718.7	705.0	21	730.6	30	5.5	12.3	7.3	8.1	−0.6	10	18.8	13	88	58	76	74	35	7. 11
Mai	724.1	713.9	10	732.7	1	12.0	17.0	11.0	12.8	3.3	12	27.6	7	75	52	77	68	37	7. 8
Juni	726.3	715.3	4	732.0	12	11.7	16.3	11.5	12.8	5.8	17	24.5	25	82	57	80	73	33	15
Juli	726.4	717.3	31	732.4	21	18.7	24.6	18.5	20.1	13.1	20	31.0	14	72	47	69	63	36	15
August	725.4	718.1	18	732.6	4	15.6	22.7	16.1	17.6	9.3	29	32.3	10	79	50	73	67	32	10
September	727.0	714.8	15	734.9	29.30	10.5	18.5	12.4	13.4	5.6	25	25.1	12	92	55	86	78	35	14
Oktober	723.0	710.4	24	732.6	1. 18	8.9	13.9	9.8	10.6	−1.2	17	22.5	1	91	71	91	84	40	17
November	720.4	709.4	28	729.1	12	2.0	5.5	3.0	3.4	−7.0	22	12.7	17	90	77	91	86	45	18
Dezember	723.0	708.6	28	734.0	14	−0.5	1.4	−0.4	0.0	−10.8	31	6.1	18	90	82	91	88	41	25
Jahr	723.9	705.0	IV	739.2	I	7.3	12.3	8.1	8.9	−10.8	XII	32.3	VIII	87	63	83	78	32	VIII

Winterthur.

$\lambda = 8° 44'$, $\beta = 47° 30'$, $H =$ ca. 448 m, $G = 0.10$ m/m, $h_r = 1.6$ m

Januar	727.5	716.3	1	737.8	25	−2.0	0.9	−1.2	−0.9	−14.7	22	6.1	10	97	87	97	94	70	21
Februar	718.1	708.3	22	731.4	1	1.3	5.3	2.5	2.9	−3.2	21	9.7	26	99	81	95	92	60	22.24 26.-28
März	722.9	703.8	3	729.6	26	1.8	7.4	3.8	4.2	−2.7	20	14.9	25	99	72	98	90	40	23
April	717.6	703.9	21	729.5	30	4.9	11.3	6.3	7.2	−1.3	10	18.1	12	96	66	94	85	35	11
Mai	722.9	713.1	10	730.6	2	9.5	16.2	10.6	11.7	3.1	18	24.8	7	86	56	87	76	32	6
Juni	725.1	714.5	4	730.0	10	11.2	16.0	11.1	12.3	6.7	18	24.1	25	91	65	94	84	38	15
Juli	725.3	716.8	31	731.2	20. 21	16.7	24.2	17.0	18.7	12.2	28	30.3	14	88	55	94	79	40	9
August	724.4	717.7	27. 31	731.3	4	13.8	21.5	14.8	16.2	7.5	29	29.1	10	92	55	94	80	32	9
September	726.0	715.3	15	734.0	30	9.9	17.5	11.3	12.5	5.3	25	24.1	13	98	65	100	88	33	13
Oktober	722.1	709.1	24	731.3	1. 18	8.7	13.2	9.1	10.0	0.1	18	19.9	25	96	77	98	90	43	17
November	719.3	708.2	28	727.8	12	1.8	5.0	2.5	3.0	−7.2	22	11.3	17	99	87	98	95	43	18
Dezember	721.7	707.6	28	732.3	14	−1.0	1.2	−0.7	−0.4	−10.7	31	5.2	18	94	90	99	94	65	25
Jahr	722.7	703.8	III	737.8	I	6.4	11.6	7.3	8.2	−14.7	I	30.3	VII	95	71	96	87	32	V VIII

Haidenhaus.

$\lambda = 9° 0'$, $\beta = 47° 39'$, $H_b = 694.4$ m, $G = 0.07$ m/m, $h_r = 1.7$ m

Januar	—	—	—	—	—	−1.4	−0.3	−1.4	−1.1	−10.6	19	3.6	9	94	93	95	94	75	28
Februar	—	—	—	—	—	1.3	3.5	2.5	2.5	−2.4	14	6.8	3. 26	96	88	92	92	68	7
März	—	—	—	—	—	2.6	5.7	3.6	3.9	−1.8	18. 19	15.0	28	91	76	88	85	49	26
April	—	—	—	—	—	5.3	9.3	6.0	6.7	−1.2	8	16.8	12	86	67	78	77	43	12
Mai	—	—	—	—	—	11.0	14.5	11.3	12.0	2.4	12	30.2	7	77	65	76	73	34	8
Juni	—	—	—	—	—	10.4	13.4	10.4	11.2	4.2	8	21.6	11	84	65	78	76	43	15
Juli	—	—	—	—	—	18.3	21.2	17.8	18.8	11.4	27	26.6	13	72	55	67	65	44	8
August	—	—	—	—	—	16.0	20.8	16.8	17.6	10.0	31	30.4	10	73	58	65	65	35	10
September	—	—	—	—	—	11.4	16.6	12.7	13.3	6.6	19. 20	22.8	13	87	64	76	76	42	12
Oktober	—	—	—	—	—	9.5	12.7	9.8	10.4	2.2	16	20.4	1. 25	91	83	92	89	45	28
November	—	—	—	—	—	1.3	3.3	1.9	2.1	−3.8	22. 23	10.4	17	98	91	96	95	54	18
Dezember	—	—	—	—	—	−2.4	−1.9	−2.1	−2.1	−13.4	31	3.2	18	99	96	98	97	68	19
Jahr	—	—	—	—	—	6.9	9.9	7.4	7.9	−13.4	XII	30.4	VIII	87	75	83	82	34	V

Lohn.

$\lambda = 8° 40'$, $\beta = 47° 45'$, $H =$ ca. 640 m, $G = 0.08$ m/m, $h_r = 1.6$ m

Januar	710.2	699.7	1	721.0	24	−1.6	0.2	−0.9	−0.8	−7.8	20	4.8	31	92	84	89	88	54	13
Februar	701.0	692.5	19. 22	713.6	1	1.3	3.7	2.1	2.3	−1.8	14	6.6	26	95	82	91	89	50	8
März	706.3	687.8	3	713.5	29	3.0	6.7	4.5	4.6	−1.4	19	18.0	28	84	70	79	78	40	23. 27
April	701.8	688.6	21	712.9	30	4.9	10.4	6.5	7.1	−0.4	9	18.6	12	81	63	73	72	38	7. 26
Mai	706.7	696.3	10	713.8	1	10.2	15.0	10.9	11.8	2.4	12	24.8	6. 7	78	56	71	68	34	1
Juni	708.8	698.0	4	713.8	23	10.5	14.6	11.0	11.8	4.6	17	22.8	10	80	59	74	71	36	9
Juli	709.2	701.3	31	714.7	21	17.7	23.7	18.6	19.6	13.0	3	30.2	14	68	49	63	60	32	27
August	708.0	701.8	27	714.7	4	15.8	21.5	17.0	17.8	10.4	31	30.6	10	69	48	61	59	31	10
September	709.4	698.5	15	717.3	29	11.6	17.2	13.2	13.7	6.8	20	24.8	13	85	56	73	71	35	13
Oktober	705.5	692.8	24	714.7	1	9.4	12.1	10.0	10.4	3.0	16	23.0	1	88	75	87	83	45	1
November	702.7	692.9	28	711.0	12	1.3	3.8	1.8	2.2	−3.6	23	9.6	2	94	84	90	89	55	15. 21
Dezember	704.8	690.9	28	715.2	14	−1.5	−0.2	−1.6	−1.2	−11.8	31	4.6	9. 18	92	85	91	89	55	9
Jahr	706.2	687.8	III	721.0	I	7.0	10.7	7.8	8.3	−11.8	XII	30.6	VIII	84	68	79	76	31	VIII

Beobachter: **S. Dannacher.**

Frauenfeld.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●≥1.0	*	▲	↯	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
9.4	8.7	8.4	8.8	45	15	8	15	9	11	—	—	4	1	24	2	7	4	7	5	22	11	1	34	Januar
8.9	8.4	8.2	8.5	57	11	18	17	12	2	—	—	4	0	19	2	9	5	0	3	30	7	1	27	Februar
8.1	7.5	6.3	7.3	34	9	2	12	9	4	1	1	3	2	16	4	20	9	6	3	11	8	3	29	März
7.1	6.5	5.2	6.3	57	14	14	13	12	1	—	2	1	5	12	5	10	8	10	6	14	9	6	22	April
6.0	6.0	4.6	5.5	74	15	9	12	12	—	—	1	2	4	6	5	11	7	9	7	18	16	5	15	Mai
7.2	7.6	7.1	7.3	88	15	18	18	15	—	2	2	1	1	15	4	8	6	8	4	16	17	8	19	Juni
4.7	4.3	4.5	4.5	56	24	31	12	10	—	—	3	2	9	5	2	13	13	9	5	14	13	2	22	Juli
4.3	4.4	3.9	4.2	37	10	22	12	10	—	—	2	2	10	4	4	12	8	10	7	15	14	1	22	August
7.1	4.7	3.8	5.2	71	19	18	12	7	—	—	3	7	3	7	3	3	8	13	8	15	11	2	27	September
8.8	7.1	6.3	7.4	125	27	13	14	12	—	—	—	8	2	16	3	3	3	2	5	34	12	2	30	Oktober
8.3	7.7	8.3	8.1	102	20	7	18	16	6	—	—	6	1	16	2	7	8	6	8	16	10	3	30	November
8.9	9.2	8.7	8.9	90	14	28	18	15	16	—	—	4	0	23	7	13	10	2	3	24	10	1	23	Dezember
7.4	6.8	6.3	6.8	836	27	X	173	139	40	3	14	44	38	163	42	116	89	82	64	229	138	35	300	Jahr

Beobachter: **E. Bachmann.**

Winterthur.

8.6	9.0	7.2	8.1	65	15	8	20	14	13	—	—	2	0	20	0	2	0	1	5	13	5	6	61	Januar
9.2	8.6	8.1	8.8	89	15	18	19	14	1	—	—	1	0	20	0	5	2	0	3	29	7	3	35	Februar
7.7	7.2	6.1	7.0	44	15	2	13	8	2	—	—	1	5	17	0	31	0	1	0	13	4	4	40	März
6.4	6.1	5.6	6.0	67	22	14	14	11	—	—	1	0	8	13	0	18	0	3	2	11	9	3	44	April
5.6	5.9	4.8	5.4	79	14	24	14	13	—	—	1	0	9	9	0	6	1	1	0	14	8	9	54	Mai
7.3	7.9	7.4	7.5	131	29	25	18	18	—	1	3	0	2	16	6	5	1	2	8	17	13	12	26	Juni
3.9	4.8	5.2	4.6	60	26	31	12	11	—	—	3	0	11	7	0	14	0	1	0	15	10	4	49	Juli
3.4	4.4	3.9	3.9	50	13	22	12	11	—	—	2	0	14	3	0	14	0	0	0	7	22	8	42	August
6.3	4.7	5.1	5.4	82	19	20	10	8	—	—	1	3	6	8	1	7	3	2	1	13	6	8	49	September
8.1	7.3	6.8	7.4	143	33	13	17	12	—	—	—	3	3	19	0	4	0	0	0	22	18	5	44	Oktober
8.4	8.0	8.8	8.4	120	18	7	18	15	6	—	—	7	2	23	0	7	2	3	2	7	10	6	53	November
9.4	9.0	9.4	9.3	157	33	26	20	18	12	—	—	3	0	26	0	3	7	0	0	19	10	1	53	Dezember
7.0	7.1	6.4	6.8	1087	33	X XII	187	153	34	1	11	20	60	181	7	116	16	14	21	180	122	69	550	Jahr

Beobachter: Frau **L. Felix.**

Haidenhaus.

9.3	8.9	8.7	9.0	44	14	8	13	10	*13	—	—	7	0	24	9	5	5	4	3	33	0	0	34	Januar
9.0	8.2	9.0	8.7	59	9	4	19	16	*15	—	—	6	0	22	1	3	7	2	8	34	0	0	29	Februar
7.8	7.4	7.1	7.4	31	11	2	8	7	*7	—	1	3	5	20	6	28	5	2	4	17	4	0	27	März
7.2	6.2	5.5	6.3	61	13	14	11	11	*5	—	1	1	5	12	9	13	12	5	7	13	1	0	30	April
5.8	6.1	5.4	5.8	90	18	14	13	13	2	—	1	1	6	10	5	2	10	3	13	31	2	3	24	Mai
8.2	7.8	7.7	7.9	96	15*	18	16	15	—	—	3	4	1	17	7	3	2	0	5	34	4	3	32	Juni
4.3	3.8	3.5	3.9	41	26	31	8	8	—	—	2	0	13	4	0	0	28	0	12	18	1	1	33	Juli
3.1	4.1	3.8	3.7	37	13	22	9	8	—	—	3	1	14	3	2	5	11	5	6	23	0	1	40	August
6.0	4.8	4.2	5.0	72	21	18	8	8	—	—	2	3	6	6	7	5	2	2	9	24	0	0	41	September
7.5	7.5	6.2	7.1	158	32	13	13	13	—	—	—	7	5	16	0	0	2	0	19	35	2	0	35	Oktober
7.9	7.8	7.4	7.7	102	27	7	16	15	9	—	—	11	2	18	9	0	0	4	7	24	0	0	46	November
9.1	8.6	8.0	8.6	105	17	23	17	16	17	—	—	12	1	21	3	12	0	0	3	40	2	1	32	Dezember
7.1	6.8	6.3	6.8	896	32	X	151	140	68	—	13	56	58	173	58	76	84	27	96	326	16	9	403	Jahr

Beobachter: **A. Goetz.**

Lohn.

7.7	8.4	6.0	7.4	37	18	8	12	9	9	—	—	6	3	16	21	4	4	0	0	2	33	15	14	Januar
8.5	8.8	7.0	7.1	58	10	28	13	13	*9	—	—	7	0	16	11	5	7	0	0	7	33	8	13	Februar
7.9	7.0	4.6	6.5	48	15	2	12	11	5	—	—	5	4	11	16	17	11	4	1	4	12	9	19	März
6.3	6.0	4.0	5.4	42	9	13	13	13	—	—	2	2	6	9	17	17	6	2	3	10	23	4	8	April
5.6	6.1	4.5	5.4	59	12	31	11	11	—	—	1	1	6	7	13	3	2	0	1	2	39	14	19	Mai
6.4	6.9	6.1	6.5	49	10	2	17	16	—	—	2	3	5	12	11	6	0	1	0	4	18	20	30	Juni
3.5	4.1	3.6	3.7	41	14	31	8	8	—	—	3	2	13	4	4	9	16	4	1	2	16	19	22	Juli
3.8	3.8	2.9	3.5	35	11	11	9	8	—	—	1	1	12	3	8	13	4	7	3	1	22	8	27	August
4.6	4.0	2.8	3.8	64	17	20	8	6	—	—	—	7	11	5	10	7	4	3	0	5	14	17	30	September
7.5	6.6	6.1	6.7	165	36	13	15	15	—	—	—	6	5	17	12	4	1	0	0	7	31	11	27	Oktober
8.0	8.1	6.2	7.4	100	16	26	18	*18	5	—	—	8	2	13	15	8	5	0	0	0	21	13	28	November
7.8	8.3	7.0	7.7	104	21	26	16	15	*15	—	—	8	2	16	14	9	0	0	0	4	23	13	20	Dezember
6.5	6.5	5.1	5.9	802	36	X	152	143	43	—	9	56	69	129	152	102	60	21	9	48	285	161	257	Jahr

Unter-Hallau.

$\lambda = 8°27'$, $\beta = 47°42'$, $H_b = 449.5^m$, $G = 0.10\ ^m/_m$, $h_r = 1.3^m$

1923	Luftdruck					Luft-Temperatur							Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	727.2	714.9	1	737.7	24	−1.1	1.3	−0.4	−0.2	−10.0	22	6.3	31	93	81	90	88	60	13
Februar	717.8	708.7	22	730.4	1	1.7	5.3	2.9	3.2	−2.7	10	8.3	26	95	74	91	87	50	8. 24
März	722.7	703.9	3	729.8	29	2.4	8.1	5.0	5.1	−2.6	20	16.1	24. 26	92	65	83	80	40	28
April	717.5	703.9	21	729.0	30	4.7	12.0	7.6	8.0	0.2	10	20.3	12	91	58	76	75	35	7. 26
Mai	722.8	712.7	10	730.2	1	9.7	16.6	11.6	12.4	3.3	13	27.3	7	86	54	77	72	35	6. 18
Juni	724.9	713.9	4	730.7	12	10.3	15.7	11.8	12.4	5.0	17	24.0	10	88	58	79	75	33	9. 12
Juli	725.1	716.5	31	731.1	21	17.1	25.2	19.6	20.4	12.6	20	32.6	13	80	45	67	64	30	28
August	724.2	717.2	18	731.4	4	14.4	22.9	17.3	18.0	7.2	29	33.2	10	82	46	68	65	23	9
September	725.7	713.8	15	733.6	30	9.9	18.3	12.7	13.4	5.1	25	25.7	12	94	53	83	77	34	14
Oktober	721.6	709.0	24	731.3	1	8.6	13.3	9.8	10.4	−1.2	17	21.4	1	93	76	94	88	52	25
November	719.0	708.3	28	727.4	12	1.7	5.1	2.7	3.1	−6.5	22	10.6	17	96	81	91	89	55	18
Dezember	721.5	707.3	28	732.5	14	−1.0	1.0	−0.9	−0.5	−10.4	31	5.6	18	93	85	94	91	50	19
Jahr	722.5	703.9	III IV	737.7	1	6.5	12.1	8.3	8.8	−10.4	XII	33.2	VIII	90	65	83	79	23	VIII

Glarus.

$\lambda = 9°4'$, $\beta = 47°3'$, $H_b = 479.6^m$, $G = 0.06\ ^m/_m$, $h_r = 1.6^m$

Januar	724.5	712.5	1	734.9	24	−3.1	0.1	−2.2	−1.9	−14.1	24	4.1	9	83	69	81	77	51	28
Februar	715.3	706.3	8	728.9	1	0.0	4.4	1.3	1.7	−4.3	21	7.5	26. 27	86	63	83	77	34	24
März	720.0	700.3	3	727.2	26	1.6	9.0	3.8	4.6	−2.1	19	16.1	27	83	48	77	69	26	23
April	714.5	700.1	21	726.5	30	5.0	12.3	7.2	8.0	0.7	7	22.3	12	79	47	71	66	23	11
Mai	720.1	709.8	10	727.8	2	8.9	17.0	10.9	11.9	3.3	12	25.5	6. 7	77	41	71	63	26	6
Juni	722.0	710.9	4	727.2	10. 12	10.3	15.1	10.6	11.7	4.5	28	23.3	10	77	52	80	70	31	8
Juli	722.3	712.4	31	728.4	21	15.4	23.8	17.3	18.5	11.7	28	31.1	14	76	43	78	66	28	8. 15
August	721.4	714.5	31	728.3	4	13.2	21.6	15.6	16.5	8.5	29	29.1	10	82	44	75	67	27	18
September	723.2	712.2	15	731.1	30	9.1	17.6	11.7	12.5	5.3	29	24.5	14	89	48	81	73	23	14
Oktober	719.3	706.5	23	728.9	1	8.1	13.9	9.3	10.2	−0.1	18	21.7	28	85	57	84	75	27	27
November	716.1	703.6	28	724.3	11	1.4	5.7	2.5	3.1	−6.1	22	13.1	4	87	65	85	79	41	4. 19
Dezember	718.7	705.2	23	729.3	14	−0.6	9.9	−0.4	−0.1	−7.9	31	5.5	9	81	73	82	79	41	25
Jahr	719.8	700.1	IV	734.9	1	5.8	12.5	7.3	8.1	−14.1	I	31.1	VII	82	54	79	72	23	IV IX

Elm.

$\lambda = 9°10'$, $\beta = 46°55'$, $H = 959^m$, $G = —\ ^m/_m$, $h_r = 1.6^m$

Januar	—	—	—	—	—	−4.6	−2.4	−4.0	−3.7	−12.0	19	3.8	9	89	76	87	84	56	3
Februar	—	—	—	—	—	−1.3	3.9	−0.2	0.6	−7.1	21	10.1	8	87	65	83	78	30	24
März	—	—	—	—	—	−0.2	6.2	1.3	2.2	−6.2	13	13.4	28	80	58	83	74	35	23
April	—	—	—	—	—	3.8	9.2	4.5	5.5	−0.8	8	17.2	11	81	61	80	74	26	11
Mai	—	—	—	—	—	8.7	14.5	8.3	10.0	0.4	18	23.4	6. 7	77	56	82	72	21	2
Juni	—	—	—	—	—	8.7	12.0	8.0	9.2	1.4	17	21.1	10	85	69	93	82	36	8
Juli	—	—	—	—	—	15.6	21.4	15.6	17.0	10.4	3	28.6	14	76	56	82	71	30	10
August	—	—	—	—	—	12.8	19.2	13.9	14.9	6.4	29	28.5	10	85	59	86	77	31	10
September	—	—	—	—	—	8.8	15.2	10.3	11.1	4.0	25	21.2	14	87	60	87	78	35	17
Oktober	—	—	—	—	—	7.3	11.9	8.1	8.9	−0.5	16. 18	20.0	1	85	72	85	81	37	21
November	—	—	—	—	—	1.4	5.2	1.7	2.5	−8.1	21	14.1	12. 28	84	66	85	78	32	21
Dezember	—	—	—	—	—	−3.1	−2.0	−3.4	−3.0	−9.8	31	4.5	9	95	89	94	93	55	9
Jahr	—	—	—	—	—	4.8	9.5	5.7	6.3	−12.0	I	28.6	VII	84	66	86	79	21	V

Göschenen.

$\lambda = 8°35'$, $\beta = 46°40'$, $H_b = 1107.2^m$, $G = -0.05\ ^m/_m$, $h_r = 2.7^m$

Januar	670.0	659.4	1	679.4	24	−4.2	−2.2	−3.4	−3.3	−11.0	19. 22	2.6	8	74	73	77	75	29	3
Februar	662.5	653.8	19	675.1	1	−0.2	2.8	0.3	0.8	−6.4	21	7.6	26	72	65	71	69	37	8
März	667.1	650.4	3	674.4	28	0.4	4.6	1.6	2.0	−6.0	13	10.4	25	67	59	71	66	36	27
April	662.8	654.4	21	673.9	30	3.9	7.3	4.4	5.0	−0.4	15	12.2	11. 12	72	66	76	71	40	11
Mai	668.5	658.7	10	676.3	1	8.2	13.0	8.8	9.7	0.6	12. 18	21.4	8	70	55	73	66	27	2
Juni	670.1	659.6	4	675.6	9. 10	7.6	11.7	8.3	9.0	0.8	18	19.4	10	84	66	84	78	43	8. 9
Juli	671.8	664.5	31	677.6	13	14.6	20.5	16.3	16.9	10.8	28	26.4	14	69	57	71	66	38	11
August	670.8	663.9	18	677.3	19	13.7	18.6	14.8	15.5	7.4	29	27.2	10	71	60	73	68	37	10
September	671.8	661.3	15	679.2	29	9.7	13.6	10.7	11.2	5.4	19	19.4	12	72	63	76	70	37	13
Oktober	668.2	657.1	4	677.1	1	8.5	11.3	8.9	9.4	1.6	4	18.2	20	73	65	75	71	38	1
November	664.0	657.3	14	673.1	11. 12	3.0	4.9	3.1	3.5	−5.2	20	16.6	1	69	64	72	68	34	23
Dezember	665.1	653.8	23	674.2	14	−2.1	−1.2	−1.9	−1.8	−8.6	22	4.2	8. 9	81	79	81	80	40	8. 9
Jahr	667.7	650.4	III	679.4	1	5.3	8.7	6.0	6.5	−11.0	I	27.2	VIII	73	64	75	71	27	V

Beobachter: **Hs. Huber-Rupli.**

Unter-Hallau.

Bewölkung 7³⁰	Bewölkung 13³⁰	Bewölkung 21³⁰	Bewölkung Mittel	Niederschlag Summe	Niederschlag Maximum	Niederschlag Tag	Zahl der Tage ● ✱	Zahl der Tage ● ✱ ≧1.0	Zahl der Tage ✱	Zahl der Tage ▲	Zahl der Tage K	Zahl der Tage ≡	Zahl der Tage heiter	Zahl der Tage trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
9.1	8.9	8.1	8.7	44	18	8	12	7	9	—	—	7	1	22	16	3	0	1	0	23	2	1	47	Januar
8.8	8.2	7.5	8.2	60	8	26	15	14	4	—	—	5	0	16	1	5	2	1	1	28	2	1	43	Februar
7.9	7.2	5.7	6.9	38	16	2	8	6	3	—	—	3	4	14	14	14	3	3	3	16	4	0	36	März
6.1	5.7	3.6	5.1	36	11	14	13	8	—	—	1	1	8	8	9	10	0	1	2	17	7	1	43	April
4.7	5.1	5.1	5.0	59	10	31	13	9	—	—	—	0	5	6	3	1	1	2	7	24	4	7	44	Mai
6.4	7.2	6.5	6.7	46	9	2	18	12	—	—	1	2	4	12	13	4	0	1	1	22	9	2	38	Juni
3.7	3.8	3.3	3.6	21	14	31	8	6	—	—	2	0	14	3	9	3	2	5	4	26	8	1	35	Juli
3.6	3.6	3.2	3.5	24	7	31	8	5	—	—	2	1	13	1	8	2	0	3	1	31	1	3	44	August
5.3	4.2	3.9	4.5	65	15	23	10	10	—	—	1	1	9	6	4	0	0	5	2	22	3	1	53	September
8.3	6.6	5.9	6.9	163	43	13	14	13	—	—	1	6	3	12	1	0	0	0	4	35	3	1	49	Oktober
7.8	8.0	6.7	7.5	119	20	6	19	16	5	—	—	5	1	15	6	4	2	0	3	11	6	0	58	November
8.7	8.7	7.9	8.4	107	24	26	17	13	13	—	—	5	0	18	7	7	1	1	0	28	10	3	36	Dezember
6.7	6.4	5.6	6.2	782	43	X	155	119	34	—	8	36	62	133	91	53	11	23	28	283	59	21	526	Jahr

Beobachter: **J. Gehring.**

Glarus.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● ✱	● ✱ ≧1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.5	6.8	7.2	7.2	79	13	16	16	11	10	—	—	0	5	17	3	0	0	0	0	0	0	10	80	Januar
8.0	7.5	6.8	7.4	109	17	1	18	15	5	—	—	0	2	16	1	0	0	1	1	0	1	4	76	Februar
6.2	5.7	6.4	6.1	36	11	2	10	8	4	—	—	0	6	11	2	0	0	0	0	0	1	23	67	März
6.4	6.1	5.6	6.0	76	21	16	13	10	—	—	—	0	5	13	3	0	0	0	8	0	1	20	58	April
4.9	5.5	6.2	5.5	117	21	24	16	12	—	—	1	0	6	10	6	0	1	1	2	0	2	28	53	Mai
7.2	7.6	7.8	7.5	135	25	25	20	19	—	—	1	0	4	17	1	0	0	0	1	0	0	30	58	Juni
3.7	4.4	4.7	4.3	125	26	15	13	11	—	—	3	0	11	5	0	0	0	0	3	0	1	28	61	Juli
3.9	4.1	4.8	4.3	154	34	15	12	11	—	—	1	0	11	6	3	0	0	0	1	0	0	28	61	August
5.1	5.2	4.9	5.1	93	21	23	15	9	—	—	—	0	8	8	2	0	0	0	4	0	0	18	66	September
6.9	6.7	6.5	6.7	126	27	3	16	14	—	—	—	0	4	15	0	1	0	2	6	0	0	21	63	Oktober
7.1	6.3	7.1	6.8	103	25	7	16	13	5	—	—	1	2	11	1	0	0	1	1	0	0	12	75	November
9.4	8.7	8.9	9.0	252	43	27	17	17	12	—	—	0	0	25	7	0	0	0	1	0	2	13	70	Dezember
6.4	6.2	6.4	6.3	1405	43	XII	183	150	36	—	6	1	64	154	29	1	1	5	28	0	8	235	788	Jahr

Beobachter: **W. Zentner.**

Elm.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● ✱	● ✱ ≧1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.8	6.6	6.2	6.5	99	13	20	17	16	16	—	—	2	7	14	2	0	0	0	0	0	0	0	91	Januar
7.2	5.5	7.5	6.7	131	30	1	19	17	18	—	—	3	3	9	0	0	0	1	3	0	0	0	80	Februar
4.6	4.6	6.2	5.1	32	7	4	11	9	11	—	—	1	8	11	3	0	0	0	5	1	0	0	84	März
5.1	5.6	5.4	5.4	103	22	14	12	11	6	—	—	0	9	11	6	0	0	1	12	1	0	1	69	April
3.8	4.8	6.4	5.0	147	22	28	14	14	3	—	2	2	8	7	15	0	0	0	3	0	0	0	75	Mai
7.0	7.5	7.2	7.2	120	15	18	21	21	3	—	—	2	4	18	16	0	0	0	1	0	0	1	72	Juni
2.9	3.4	4.3	3.5	104	27	17	12	12	—	—	2	2	17	4	15	0	0	0	1	0	0	0	77	Juli
3.0	3.4	4.3	3.6	203	50	31	12	11	—	—	3	5	14	5	5	0	0	0	0	0	0	0	88	August
4.1	4.7	5.1	4.6	117	38	23	10	10	—	—	—	4	10	8	4	0	0	0	7	0	0	0	79	September
5.8	6.1	5.6	5.8	158	55	13	15	15	5	—	—	3	7	11	4	0	0	0	12	0	0	0	77	Oktober
5.7	5.3	7.0	6.0	139	34	7	13	13	8	—	—	6	4	11	3	0	0	0	16	0	0	0	71	November
8.1	6.8	8.3	7.7	314	54	27	19	18	19	—	—	2	3	19	4	0	0	0	0	0	0	0	89	Dezember
5.3	5.4	6.1	5.6	1667	55	X	175	167	89	—	7	32	94	128	77	0	0	2	60	2	0	2	952	Jahr

Beobachter: **Fr. Aeberhardt.**

Göschenen.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● ✱	● ✱ ≧1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.8	6.5	7.0	6.8	103	21	16	18	16	18	—	—	4	6	17	49	0	0	0	27	0	0	0	17	Januar
6.9	6.6	6.6	6.7	93	20	1	17	12	15	—	—	2	3	13	25	0	0	0	38	0	0	0	21	Februar
5.1	5.3	5.5	5.3	17	4	29	9	7	8	—	—	3	9	13	33	0	0	0	49	0	0	0	11	März
7.0	7.1	7.0	7.0	121	27	16	15	15	6	—	—	6	4	14	35	0	0	0	48	0	0	0	7	April
6.3	5.7	7.2	6.4	209	39	29	15	14	5	—	3	1	5	13	35	0	0	0	49	0	0	0	9	Mai
7.7	7.3	8.0	7.7	70	8	16	22	19	3	—	—	4	4	19	69	0	0	0	5	0	0	0	16	Juni
4.0	4.5	6.1	4.9	56	18	18	11	10	—	—	2	0	8	6	44	0	0	0	37	0	0	0	12	Juli
3.8	5.0	4.0	4.3	137	52	31	12	12	—	—	3	1	11	7	53	0	0	0	40	0	0	0	0	August
5.4	5.6	5.2	5.4	103	21	23	12	11	—	—	—	1	7	10	38	0	0	0	43	0	0	0	9	September
7.2	7.1	6.9	7.1	127	28	13	17	14	3	—	—	4	5	16	33	0	0	0	51	0	0	0	9	Oktober
7.3	6.7	7.4	7.1	145	45	7	15	13	8	—	—	5	3	13	24	0	0	0	55	0	0	0	11	November
8.9	8.4	7.9	8.4	245	30	27	19	17	19	—	—	5	1	22	56	0	0	0	29	0	0	0	8	Dezember
6.4	6.3	6.6	6.4	1426	52	VIII	182	160	85	—	8	36	66	163	494	0	0	0	471	0	0	0	130	Jahr

Engelberg.

Abendbeobachtung: 20^{30} $\lambda = 8°25'$, $\beta = 46°49'$, $H_b = 1017.8$ m, $G = -0.02$ mm, $h_r = 1.6$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	677.4	666.3	1	686.8	24	−5.3	−2.2	−4.6	−5.0	−13.5	19	2.9	15	82	75	83	80	59	29
Februar	669.4	660.7	22	683.1	1	−1.7	2.8	−0.3	0.1	−8.6	21	7.4	24	85	79	82	82	44	25
März	674.0	655.5	3	681.7	26	−1.0	4.7	0.8	1.3	−7.7	13	11.7	26	85*	75*	80*	80*	—	—
April	669.4	656.9	21	681.3	30	2.7	8.3	4.4	4.9	−1.4	9	17.4	12	86	60	76	74	30	11
Mai	675.2	665.8	10	682.9	1	16.5	13.4	8.6	9.1	0.1	18	23.9	7	76	53	76	68	31	2
Juni	677.1	666.8	4	682.3	9. 10	16.8	11.7	8.7	8.6	1.0	18	19.9	10	83	63	78	75	39	8
Juli	678.5	669.8	31	683.8	13	3.1	20.3	16.3	16.1	9.4	28	27.5	14	75*	55*	72*	67*	—	—
August	677.5	670.2	31	683.2	4	1.3	18.7	14.5	14.4	5.9	26	27.3	10	89	63	87	80	38	10
September	678.4	667.9	15	686.1	29	7.5	14.4	10.3	10.4	3.3	2	19.3	10.11 30	92	68	88	83	40	17
Oktober	674.4	663.0	24	683.9	1	7.2	11.8	8.0	8.8	−0.1	18	19.9	1	88	70	88	82	41	16.25 28
November	670.3	660.3	28	678.6	1	−0.1	3.6	0.4	1.1	−8.3	22	15.0	1	90	76	91	86	38	28
Dezember	672.3	660.8	28	681.7	14	−3.5	−1.6	−3.4	−3.0	−10.8	31	5.4	28	93	83	92	89	53	28
Jahr	674.5	655.5	III	686.8	I	3.6	8.8	5.3	5.6	−13.5	I	27.5	VII	85	68	83	79	30	IV

Oberiberg.

$\lambda = 8°47'$, $\beta = 47°2'$, $H_b = 1090$ m, $G = -0.03$ mm, $h_r = 1.7$ m

Januar	671.4	660.8	1	680.7	24	−5.2	−1.0	−4.6	−3.9	−15.8	19	4.7	3	86	76	87	83	51	3
Februar	663.5	654.9	22	676.7	1	−1.9	3.8	−0.5	0.3	−10.8	21	7.8	8	86	63	81	77	38	24
März	668.1	650.4	3	675.1	26. 27	−1.9	6.0	0.3	1.2	−11.5	13	11.8	28	89	59	87	78	42	20
April	663.7	654.8	21	674.9	30	2.0	9.3	3.5	4.6	−2.4	9	18.4	12	87	60	83	77	38	6
Mai	669.5	659.9	10	677.1	10	6.3	13.5	7.5	8.7	−1.6	13	23.6	8	84	58	84	75	36	2
Juni	671.4	661.5	4	676.8	9	7.0	12.1	7.3	8.4	0.5	15	21.6	10	88	66	88	81	43	6
Juli	673.0	664.5	31	679.2	13	13.4	21.6	14.8	16.1	8.9	20	29.7	14	87	61	85	78	49	8. 14
August	671.9	665.1	18	677.7	4	10.5	19.8	13.3	14.2	3.6	29	29.5	10	92	64	87	81	36	9
September	672.8	661.9	15	680.2	29	6.7	15.7	9.3	10.2	1.8	2	21.4	12	94	65	90	83	44	14.17
Oktober	668.7	657.2	24	678.7	1	6.4	12.8	7.4	8.5	−1.4	16	23.0	1	84	64	81	76	41	27
November	664.6	654.2	28	673.1	1	−0.9	5.3	0.2	1.2	−9.4	21	17.3	2	86	66	85	79	41	28
Dezember	666.3	655.0	28	675.8	14	−3.9	−1.0	−3.9	−3.2	−10.7	31	4.6	23	89	79	87	85	56	8
Jahr	668.7	650.4	III	680.7	I	3.2	10.0	4.6	5.5	−15.8	I	29.7	VII	88	65	85	79	36	V VIII

Einsiedeln.

$\lambda = 8°45'$, $\beta = 47°8'$, $H_b = 913.9$ m, $G = 0.01$ mm, $h_r = 1.5$ m

Januar	686.0	674.7	1	695.6	25	−3.5	−0.7	−2.7	−2.4	−13.0	24	4.5	31	89	80	89	86	63	3
Februar	677.8	669.3	22	691.0	1	−0.4	3.7	0.9	1.3	−6.4	21	7.6	26	87	71	85	81	53	20. 28
März	682.5	664.1	3	690.0	26	0.1	6.1	2.1	2.6	−6.4	13	12.5	27	90	64	87	80	45	20
April	677.8	665.9	21	690.0	30	3.6	9.5	5.3	5.9	−0.4	8	16.8	12	87	62	80	76	35	7.11 12
Mai	683.5	674.0	10	691.1	1	8.0	13.8	9.7	10.3	1.2	13	22.0	7	80	56	78	71	40	3.5.6.7
Juni	685.5	675.3	4	690.7	10	8.7	12.7	9.2	10.0	2.2	18	20.3	10	86	63	83	77	44	28
Juli	686.7	677.1	31	691.8	21	14.8	21.1	16.8	17.4	11.3	28	27.5	14	84	56	74	71	40	8. 13
August	685.7	678.5	18	691.7	4	12.9	19.2	14.7	15.4	7.0	29	27.6	10	81	59	78	73	35	15.18
September	686.7	675.5	15	694.2	29	8.3	15.2	10.7	11.2	4.4	25	21.3	10	89	62	83	78	38	25
Oktober	682.6	671.0	24	692.2	1	7.5	12.5	8.7	9.4	0.2	18	21.6	1	86	66	84	79	35	21
November	678.9	668.2	28	687.1	1	0.4	4.9	1.4	2.0	−8.0	22	15.0	1	89	71	85	82	35	28
Dezember	680.7	668 8	27	690.9	14	−2.4	−0.3	−2.0	−1.7	−11.5	31	6.2	28	89	84	89	88	63	28
Jahr	682.8	664.1	III	695.6	I	4.8	9.8	6.2	6.8	−13.0	I	27.6	VIII	86	66	83	79	35	4. 8. 10. 11

Sarnen.

$\lambda = 8°15'$, $\beta = 46°54'$, $H_b = 486.7$ m, $G = 0.05$ mm, $h_r = 1.7$ m

Januar	724.0	711.7	1	734.3	24	−1.6	1.5	−0.9	−0.4	−9.3	24	5.8	9	91	84	91	89	61	14
Februar	714.6	705.0	22	728.9	1	1.2	5.7	2.9	3.2	−3.4	21	9.7	28	95	77	88	87	43	21
März	719.4	700.1	3	726.4	26. 28	2.7	8.6	4.7	5.2	−2.0	17	15.8	26	91	65	83	79	40	24
April	714.0	699.7	21	726.1	30	6.1	11.9	7.3	8.1	2.0	9	19.6	12	90	66	84	80	36	11
Mai	719.5	709.8	10	727.1	1	11.3	16.6	11.5	12.7	4.4	12	25.5	7	79	56	78	71	37	6
Juni	721.8	711.2	4	726.9	12	11.9	15.8	11.5	12.7	5.5	17	23.6	11	83	62	82	76	41	11
Juli	721.9	711.8	31	727.7	21	18.8	24.0	18.7	20.1	14.0	3	29.0	14	74	57	78	70	42	8
August	721.0	714.1	18	727.7	4	16.2	22.1	16.8	18.0	9.2	26	30.0	10	79	56	78	71	36	7
September	722.6	711.0	15	730.3	29.30	10.7	17.5	12.5	13.3	5.4	25	24.0	12	88	63	84	78	37	12
Oktober	718.6	705.9	24	728.1	1	8.2	13.4	9.4	10.1	2.6	16.18	19.4	1	91	80	90	87	60	1
November	715.6	704.4	28	724.1	12	2.1	6.0	3.0	3.5	−5.6	22	14.3	16	92	77	89	86	35	16
Dezember	718.4	704.6	28	728.8	14	0.0	2.3	0.4	0.8	−6.1	20	8.4	28	88	77	88	84	49	24
Jahr	719.3	699.7	IV	734.3	I	7.3	12.1	8.1	8.9	−9.3	I	30.0	VIII	87	68	84	80	35	XI

Beobachter: P. **N. Kaeser.**

Engelberg.

Bewölkung 7³⁰	13³⁰	21³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.1	6.7	6.3	6.7	124	20	20	16	15	15	—	—	3	5	15	0	13	0	4	0	13	0	0	63	Januar
7.9	7.6	6.3	7.3	103	19	1	15	11	11	—	—	1	2	15	0	8	0	5	0	13	1	0	57	Februar
6.2	5.8	6.4	6.1	54	18	28	13	12	11	—	—	5	5	13	0	6	0	9	0	20	1	1	56	März
7.1	6.8	6.2	6.7	109	20	14	15	14	5	—	—	3	5	14	0	10	2	4	1	24	0	0	49	April
5.3	5.7	7.8	6.3	177	29	29	18	15	4	—	2	1	4	11	0	1	0	5	0	27	2	3	55	Mai
7.1	8.1	8.5	7.9	148	19	26	24	20	3	—	2	2	2	21	0	0	0	1	0	32	1	1	55	Juni
4.0	4.5	6.4	5.0	142	46	17	12	10	—	—	2	0	8	6	0	9	0	5	1	30	2	1	45	Juli
4.0	4.4	5.2	4.5	132	34	15	13	11	—	—	3	1	10	5	0	3	0	0	0	22	4	0	64	August
4.2	5.7	4.9	4.9	98	20	20	12	12	—	—	—	0	10	7	0	1	0	7	1	14	5	0	62	September
6.6	6.5	5.7	6.3	118	21	13	17	15	1	—	1	3	6	13	0	11	2	15	0	15	1	1	48	Oktober
7.3	6.6	6.8	6.9	148	47	7	18	17	13	—	—	6	2	11	0	8	0	9	0	12	0	1	60	November
8.3	7.8	7.5	7.9	216	35	28	19	18	18	—	—	6	3	19	0	7	0	3	0	10	1	0	72	Dezember
6.3	6.4	6.5	6.4	1569	47	XI	192	170	81	—	10	31	62	150	0	77	4	67	3	232	18	8	686	Jahr

Beobachter: **X. Holdener.**

Oberiberg.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.4	7.1	7.8	7.4	117	20	16	18	17	17	—	—	2	4	19	0	0	0	0	0	1	7	0	85	Januar
7.8	6.5	7.9	7.4	122	22	18	17	16	13	—	—	0	2	15	0	0	0	0	1	7	5	1	70	Februar
5.9	5.5	6.6	6.0	69	11	3	13	12	11	—	—	0	6	13	0	0	0	0	0	4	2	0	87	März
6.3	6.3	6.3	6.3	126	32	16	16	13	7	—	—	2	7	16	0	0	0	0	7	1	3	1	78	April
4.9	6.1	7.2	6.1	165	33	24	18	14	6	—	1	2	5	10	0	1	0	0	0	6	8	1	77	Mai
7.3	8.3	7.9	7.8	252	30	26	22	21	4	—	1	0	2	18	0	1	1	0	2	4	5	1	76	Juni
3.7	5.3	5.8	4.9	138	30	31	12	12	—	—	1	2	8	8	0	2	2	0	0	2	3	2	82	Juli
4.2	5.1	4.3	4.5	199	48	15	11	11	—	—	1	2	11	7	1	0	6	1	2	4	5	0	74	August
5.1	5.6	4.9	5.2	142	29	18	14	11	—	—	1	1	7	8	0	0	2	0	1	5	7	1	74	September
6.6	6.3	6.0	6.3	136	34	3	14	14	2	—	—	2	6	13	0	0	1	1	2	7	3	0	79	Oktober
6.6	6.3	6.8	6.6	158	32	7	19	16	12	—	—	2	3	9	0	0	0	0	0	5	2	0	83	November
8.6	7.5	8.5	8.2	304	52	26	20	19	19	—	—	4	2	22	0	0	0	0	1	16	10	0	66	Dezember
6.2	6.3	6.7	6.4	1928	52	XII	194	176	91	—	5	19	63	158	1	4	12	2	16	62	60	7	931	Jahr

Beobachter: P. **M. Egger.**

Einsiedeln.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.9	7.4	8.8	8.0	103	18	16	16	16	14	—	—	0	3	22	0	2	0	3	1	6	3	2	76	Januar
8.4	7.1	8.5	8.0	102	20	18	16	14	11	—	—	1	1	17	0	1	0	0	2	10	3	1	67	Februar
6.5	7.0	7.2	6.9	68	13	4	12	10	9	—	1	2	5	17	1	1	0	0	0	3	3	2	83	März
5.9	6.5	7.1	6.5	111	22	16	14	14	4	—	1	1	5	14	4	1	0	2	1	2	1	4	75	April
5.4	6.2	7.1	6.2	147	22	24	17	17	3	—	1	1	4	11	8	2	0	0	1	5	4	8	65	Mai
7.3	8.3	7.7	7.8	259	38	25	20	20	3	—	3	2	3	19	11	0	0	1	0	4	3	7	64	Juni
4.5	5.1	6.1	5.2	137	44	17	13	13	—	—	1	0	7	9	11	2	0	0	0	3	1	8	69	Juli
4.1	4.5	4.9	4.5	188	98	15	11	11	—	—	1	0	11	8	11	0	0	0	0	2	4	9	66	August
5.3	5.6	5.4	5.4	129	29	18	13	12	—	—	—	4	7	10	8	3	0	1	0	4	1	9	64	September
6.9	6.4	6.4	6.6	149	25	3	15	15	—	—	1	2	5	16	3	0	0	2	0	8	3	4	73	Oktober
6.5	6.8	7.3	6.9	160	36	7	18	18	9	—	—	6	3	13	2	1	0	0	0	7	1	0	79	November
9.5	9.0	9.5	9.3	234	45	27	20	20	19	—	—	7	0	24	0	0	0	0	0	11	7	4	71	Dezember
6.5	6.7	7.2	6.8	1787	98	VIII	185	180	72	—	9	26	54	180	59	13	0	9	5	65	34	58	852	Jahr

Beobachter: P. **Ch. Durrer.**

Sarnen.

7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	✱	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
8.4	7.4	7.4	7.7	48	15	8	14	11	8	—	—	6	2	19	0	10	0	0	0	7	0	0	76	Januar
8.5	7.4	7.5	7.8	70	11	18	14	11	3	—	—	6	0	13	0	10	0	0	0	20	0	0	54	Februar
7.5	6.8	6.5	6.9	24	7	2	10	7	3	—	—	3	4	15	0	27	0	0	0	13	0	0	53	März
6.9	6.5	6.0	6.5	63	10	14	14	11	—	—	—	2	3	13	0	27	0	0	0	2	0	0	61	April
4.8	5.7	6.2	5.6	119	25	29	16	11	—	—	1	0	5	8	0	28	0	0	0	9	0	0	56	Mai
7.1	7.3	7.3	7.2	99	17	26	19	17	—	—	3	0	4	16	0	23	0	0	0	11	0	0	56	Juni
4.2	4.8	4.9	4.6	101	23	17	10	10	—	—	4	0	8	4	0	29	0	0	0	6	0	0	58	Juli
4.3	3.9	3.8	4.0	72	30	15	11	8	—	—	2	0	11	3	0	27	0	0	0	5	0	0	61	August
5.8	5.1	4.1	5.0	69	15	20	11	8	—	—	1	2	6	6	0	28	0	0	0	4	0	0	58	September
8.4	6.3	6.5	7.1	91	20	13	13	11	—	—	1	7	1	12	0	26	0	0	0	5	0	0	62	Oktober
8.3	7.4	7.9	7.9	88	20	7	18	16	4	—	—	10	1	16	0	9	0	0	0	7	0	0	74	November
9.1	9.0	8.1	8.7	125	23	28	18	14	12	—	—	3	0	23	0	11	0	0	0	12	0	0	70	Dezember
6.9	6.5	6.4	6.6	969	30	VIII	168	135	30	—	12	39	45	148	0	255	0	0	0	101	0	0	739	Jahr

Luzern.

$\lambda = 8° 19'$, $\beta = 47° 3'$, $H_b = 497.8^m$, $G = 0.06$ ‰, $h_r = 1.5^m$

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	723.1	710.7	1	733.3	24	−0.9	1.7	−0.1	0.2	−7.4	22	6.4	10	88	78	84	83	54	15
Februar	713.8	704.2	22	727.7	1	2.2	5.9	3.7	3.9	−0.8	24	9.6	27	86	68	76	77	40	22
März	718.6	699.3	3	725.5	28	3.2	8.4	5.0	5.4	−1.5	20	16.4	27	83	58	72	71	35	24
April	713.3	699.2	21	726.4	30	5.3	12.0	8.1	8.4	0.0	10	19.1	12	83	53	68	68	32	6
Mai	718.8	709.0	10	726.4	1	10.4	16.5	12.5	13.0	4.8	13	25.9	7	79	48	67	65	31	2
Juni	720.8	710.0	4	726.4	12	10.8	15.7	12.2	12.7	6.2	17	23.0	10	85	55	74	71	36	1
Juli	721.0	713.0	31	726.9	21	17.1	24.4	20.1	20.4	12.6	28	29.0	14	93	59	82	78	39	1
August	720.1	712.9	31	726.7	4	14.6	21.9	17.7	18.0	9.2	31	30.2	10	95	62	85	81	34	18
September	721.7	710.2	15	729.4	29	10.9	17.6	13.3	13.8	6.0	25	23.6	12	97	69	94	87	50	24
Oktober	717.6	704.7	24	727.3	18	9.0	13.7	10.5	10.9	1.5	18	19.7	1	97	78	97	91	50	15
November	714.7	704.0	28	723.1	11	2.3	5.7	3.5	3.8	−4.8	22	12.3	16	96	84	96	92	43	19
Dezember	717.6	703.9	28	728.2	14	0.6	2.3	0.9	1.2	−6.2	31	7.6	18	92	84	93	90	48	25
Jahr	718.4	699.2	IV	733.3	I	7.1	12.1	9.0	9.3	−7.4	I	30.2	VIII	89	66	82	79	31	V

Walchwil.

$\lambda = 8° 30'$, $\beta = 47° 6'$, $H_b = 452^m$, $G = —$ ‰, $h_r = 1.5^m$

Januar	—	—	—	—	—	−0.6	1.6	0.2	0.3	−6.6	22	6.0	10	79	71	75	75	50	15
Februar	—	—	—	—	—	2.1	6.0	3.7	3.9	−1.8	21	10.2	27	84	62	75	74	34	27
März	—	—	—	—	—	3.1	8.4	4.9	5.3	0.0	13	19.2	25	84	55	73	71	27	23
April	—	—	—	—	—	5.9	12.0	8.2	8.7	1.8	9	21.0	12	81	49	68	66	24	11
Mai	—	—	—	—	—	11.0	16.4	12.0	12.9	2.9	12	25.0	7	73	47	65	62	32	11
Juni	—	—	—	—	—	11.4	16.0	11.6	12.6	5.0	17	22.9	10	76	51	74	67	36	30
Juli	—	—	—	—	—	18.1	23.5	19.3	20.0	14.2	28	28.6	14	71	47	60	59	35	15
August	—	—	—	—	—	15.6	21.2	17.3	17.9	11.4	31	27.6	8	76	50	63	63	27	18
September	—	—	—	—	—	11.9	16.9	13.8	14.1	7.8	25	22.0	17	84	59	70	71	28	14
Oktober	—	—	—	—	—	10.4	13.7	10.7	11.4	4.4	16	21.0	25	84	64	80	76	38	15
November	—	—	—	—	—	3.4	5.8	4.0	4.3	−2.4	23	13.2	17	86	70	83	80	32	20
Dezember	—	—	—	—	—	0.9	2.4	0.9	1.3	−7.3	31	9.0	28	75	70	78	74	35	25
Jahr	—	—	—	—	—	7.8	12.0	8.9	9.4	−7.3	XII	28.6	VII	79	58	72	70	24	IV

Böttstein.

$\lambda = 8° 13'$, $\beta = 47° 34'$, $H = 360^m$, $G = —$ ‰, $h_r = 1.6^m$

Januar	—	—	—	—	—	−0.6	2.2	0.0	0.4	−9.7	22	7.0	31	—	—	—	—	—	—
Februar	—	—	—	—	—	2.3	6.2	3.3	3.8	−1.6	10	9.7	27	—	—	—	—	—	—
März	—	—	—	—	—	2.6	9.1	4.5	5.2	−1.4	20	17.6	24.27	—	—	—	—	—	—
April	—	—	—	—	—	5.7	12.9	6.9	8.1	1.2	3	20.8	12	—	—	—	—	—	—
Mai	—	—	—	—	—	10.3	17.2	10.8	12.3	4.6	12	27.8	7	—	—	—	—	—	—
Juni	—	—	—	—	—	11.6	17.1	12.0	13.2	6.2	17	25.4	10	—	—	—	—	—	—
Juli	—	—	—	—	—	18.5	26.0	18.2	20.2	12.2	1	31.9	14	—	—	—	—	—	—
August	—	—	—	—	—	14.9	23.9	16.4	17.9	7.5	29	33.8	10	—	—	—	—	—	—
September	—	—	—	—	—	10.3	18.8	12.2	13.4	5.7	25	27.4	13	—	—	—	—	—	—
Oktober	—	—	—	—	—	9.5	14.0	10.2	11.0	0.8	18	22.0*	1	—	—	—	—	—	—
November	—	—	—	—	—	2.6	5.9	3.3	3.8	−6.4	23	13.4	17	—	—	—	—	—	—
Dezember	—	—	—	—	—	0.4	2.2	0.1	0.7	−11.0	31	7.2	28	—	—	—	—	—	—
Jahr	—	—	—	—	—	7.3	13.2	8.2	9.2	−11.0	XII	33.8	VIII	—	—	—	—	—	—

Aarau.

$\lambda = 8° 2'$, $\beta = 47° 23'$, $H_b = 406.1^m$, $G = 0.10$ ‰, $h_r = 1.6^m$

Januar	731.6	720.8	1	742.1	24.25	−1.0	1.6	−0.3	0.0	−11.2	22	5.8	10	91	73	85	83	50	18
Februar	721.9	712.5	22	735.7	1	1.9	5.4	3.1	3.4	−1.8	21	8.2	27	88	66	84	79	41	24
März	727.0	707.4	3	734.1	29	2.7	8.4	4.1	4.9	−1.8	19	16.6	28	86	55	83	75	36	27
April	721.4	706.9	21	734.3	30	5.0	12.4	7.0	7.9	−2.4	10	18.6	12	84	49	76	68	33	26
Mai	727.7	717.0	10	734.5	31	9.9	16.9	11.6	12.5	2.6	13	25.8	7	80	46	76	68	28	8
Juni	729.0	718.0	4	734.4	12	10.9	16.3	11.5	12.6	6.4	17	24.6	10	73	48	77	66	30	10
Juli	728.9	720.2	31	735.0	21	16.8	24.7	18.3	19.5	12.0	1	29.8	14	73	40	71	61	26	22
August	728.1	720.2	27	735.2	4	13.7	22.4	16.0	17.0	6.8	29	32.0	10	77	42	72	64	26	14
September	729.8	717.8	15	737.5	29.30	9.9	17.9	11.7	12.8	5.0	25	24.0	12	88	48	85	74	33	12. 14
Oktober	726.0	713.5	24	735.5	18	9.1	13.3	9.7	10.5	0.8	18	21.4	1	86	63	87	79	45	25
November	733.2	712.6	28	731.6	12	2.4	5.4	3.2	3.5	−6.6	23	11.6	17	94	75	89	86	43	15
Dezember	725.8	712.2	28	737.1	14	0.1	1.7	0.1	0.5	−10.2	31	6.4	28	87	76	89	84	51	25
Jahr	726.7	706.9	IV	742.1	I	6.8	12.2	8.0	8.8	−11.2	I	32.0	VIII	84	57	81	74	26	VII VIII

Beobachter: Kloster **Wesemlin.**

Luzern.

Bewölkung				Niederschlag		Zahl der Tage							Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum Tag	●	●≥10	✳	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.5	8.2	8.0	8.2	59	19	8	14	14	11	—	—	7	1	23	9	3	4	18	0	0	2	5	52	Januar
8.1	8.0	7.6	7.9	71	11	18	15	14	5	—	—	4	0	14	4	3	3	20	0	1	5	0	48	Februar
7.7	7.8	7.0	7.5	47	8	2	12	12	8	2	1	5	5	18	8	4	0	11	0	0	5	5	60	März
7.4	6.7	5.7	6.6	108	23	16	12	12	—	—	1	1	4	13	8	12	3	22	2	0	2	4	37	April
5.6	5.8	6.0	5.8	132	28	29	16	15	—	—	1	0	6	10	13	4	10	23	2	0	4	7	30	Mai
7.9	7.6	7.4	7.6	146	25	26	19	18	—	—	2	0	2	17	9	7	5	19	2	4	3	4	37	Juni
4.2	4.5	5.5	4.7	75	29	17	10	9	—	—	2	0	8	6	5	7	3	13	0	2	3	9	41	Juli
5.0	4.6	4.9	4.8	84	37	15	10	10	—	—	1	0	11	5	16	5	6	9	1	0	5	9	42	August
6.0	5.2	4.0	5.1	88	18	12	11	11	—	2	2	3	5	5	14	2	7	12	2	2	1	4	46	September
8.2	7.1	6.7	7.3	87	18	13	19	14	—	—	1	5	3	17	5	0	5	11	3	0	5	2	62	Oktober
8.4	7.7	8.3	8.1	142	36	8	17	17	5	—	—	11	1	19	11	3	3	10	0	1	3	0	59	November
9.3	8.8	8.9	9.0	86	17	27	19	16	13	—	—	4	0	23	13	4	3	10	3	5	10	1	44	Dezember
7.2	6.8	6.7	6.9	1125	37	VIII	174	162	42	4	11	40	46	170	115	54	52	178	15	15	48	50	568	Jahr

Beobachter: **F. Bachmann.**

Walchwil.

8.6	8.3	6.8	7.9	80	22	8	18	16	11	—	—	0	1	17	1	0	0	2	0	0	0	1	89	Januar
8.3	6.7	7.8	7.6	77	16	18	13	12	2	—	—	0	0	12	0	0	0	0	1	0	0	0	83	Februar
7.6	7.1	5.9	6.9	60	12	28	12	11	6	—	2	0	3	16	0	2	0	1	0	0	3	2	85	März
6.8	5.9	5.0	5.9	108	26	14	12	10	—	—	—	0	5	12	0	2	0	1	2	0	0	1	84	April
4.5	5.2	6.1	5.3	160	26	29	15	15	—	—	—	0	6	8	1	0	0	0	0	0	4	2	86	Mai
7.6	7.1	7.4	7.4	212	59	25	18	18	—	1	2	0	3	18	0	2	0	0	0	1	1	1	85	Juni
4.0	3.4	5.3	4.2	98	36	17	10	10	—	—	3	0	9	4	1	0	0	0	0	0	3	2	87	Juli
4.3	3.9	3.8	4.0	166	102	15	10	10	—	—	2	0	11	5	0	0	0	0	0	1	3	1	88	August
6.5	4.2	4.2	5.0	87	21	23	9	7	—	—	—	0	5	6	0	1	0	0	0	1	0	5	83	September
8.2	6.1	6.5	6.9	119	20	13	14	14	—	—	1	0	1	15	0	0	0	0	0	0	0	3	90	Oktober
7.9	7.5	8.0	7.8	137	39	7	16	16	3	—	—	0	1	16	1	0	0	0	0	0	1	1	87	November
9.0	8.6	8.3	8.6	116	32	27	21	19	9	—	—	0	0	21	3	2	0	1	0	1	3	1	82	Dezember
6.9	6.2	6.3	6.5	1420	102	VIII	168	158	31	1	10	0	45	150	7	9	0	5	2	5	18	20	1029	Jahr

Beobachter: **Hs. Erne.**

Böttstein.

10.0	9.0	9.3	9.4	34	15*	8	14	6	6	—	—	1	0	27	0	0	0	0	0	7	9	5	72	Januar
9.6	8.9	8.6	9.0	131	26	18	19	17	4	—	—	3	0	21	0	6	1	2	5	12	5	0	53	Februar
9.6	7.8	5.1	7.5	50	16	2	10	9	3	—	—	9	0	14	6	0	0	2	1	5	7	8	64	März
7.2	6.8	4.4	6.1	67	19	14	14	10	—	1	1	5	8	13	0	11	1	0	0	10	6	1	61	April
5.9	5.8	4.1	5.3	87	13	26	13	12	—	—	3	4	6	8	1	0	0	0	1	5	30	2	54	Mai
7.3	7.0	7.0	7.1	35	7	16	10	10	—	—	—	3	4	15	0	0	0	0	0	6	33	3	48	Juni
3.7	3.8	3.7	3.7	37	21	31	11	7	—	—	2	1	14	4	3	3	0	1	0	4	18	3	61	Juli
4.9	4.1	2.9	4.0	35	14	22	7	6	—	—	1	5	10	6	0	0	0	0	0	6	28	6	53	August
8.4	4.5	2.9	5.3	78	23	21	10	10	—	—	1	11	3	6	1	0	0	0	1	8	16	3	61	September
9.2	7.3	5.7	7.4	185	42	13	14	13	—	—	—	9	2	17	0	0	0	2	1	13	24	1	52	Oktober
9.0	8.0	7.3	8.1	146	21	6	19	18	4	—	—	7	1	18	0	9	0	4	2	2	11	0	62	November
9.1	8.8	8.7	8.9	172	30	27	17	16	12	—	—	3	0	23	0	0	0	0	4	8	7	1	73	Dezember
7.8	6.8	5.8	6.8	1057	42	X	158	134	29	1	8	61	48	172	11	29	2	11	15	86	194	33	714	Jahr

Beobachter: **H. Amsler-Baumann.**

Aarau.

8.9	7.4	7.6	8.0	57	16	8	16	12	12	—	—	10	1	17	3	11	3	2	0	4	7	14	49	Januar
9.1	7.2	7.5	7.9	113	16	18	21	18	9	—	—	9	0	15	1	2	5	0	0	6	22	11	37	Februar
8.5	6.9	5.8	7.1	54	13	2	12	9	6	1	1	7	2	14	2	11	9	0	0	2	15	8	46	März
6.7	5.5	4.7	5.6	73	15	14	13	12	1	1	2	2	5	8	0	20	2	1	0	2	7	14	44	April
5.1	5.3	4.6	5.0	122	22	29	15	13	—	—	2	4	7	6	5	10	1	0	0	5	13	25	34	Mai
5.8	5.8	6.2	5.9	61	10	4. 16	14	10	—	—	3	0	3	9	13	4	10	0	0	1	8	27	27	Juni
3.0	3.5	4.0	3.5	28	15	31	8	6	—	—	1	0	12	1	9	16	2	0	0	0	6	26	34	Juli
4.5	2.8	2.5	3.3	63	20	3	11	10	—	—	3	5	12	1	7	10	4	0	1	6	3	24	38	August
6.7	4.0	3.1	4.6	66	18	23	10	7	—	—	1	10	6	3	4	10	1	0	0	5	4	18	48	September
8.9	6.5	6.3	7.2	196	39	21	18	14	—	—	—	12	1	14	3	2	1	0	0	13	15	20	39	Oktober
8.2	7.4	7.8	7.8	133	19	6. 25	20	17	9	—	—	12	1	17	5	11	2	1	0	4	13	13	41	November
8.5	7.9	8.6	8.3	126	23	26	19	15	13	—	—	5	0	19	3	12	3	0	0	3	22	10	40	Dezember
7.0	5.9	5.7	6.2	1092	39	X	177	143	50	2	13	76	50	124	55	119	43	4	1	51	135	210	477	Jahr

Wintersingen.

$\lambda = 7°52'$, $\beta = 47°30'$, $H_b = 444$ m, $G = 0.09$ ‰, $h_r = 1.5$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	727.8	715.6	1	737.8	25	−1.3	2.2	−0.4	0.0	−11.3	22	7.0	9	95	82	90	89	65	3. 28
Februar	718.3	709.3	22	731.8	1	2.3	6.3	3.2	3.7	−2.8	21	9.4	26	91	74	88	84	53	24
März	723.3	704.0	3	730.4	29	3.1	8.4	3.8	4.8	−0.4	13	16.9	26	88	68	89	82	48	26
April	717.9	704.7	21	729.0	30	5.7	12.5	6.3	7.7	−0.6	9	20.7	11	84	59	82	75	23	26
Mai	723.3	713.9	10	730.6	1	10.1	15.9	9.9	11.5	3.8	12	27.2	7	85	62	87	78	38	2
Juni	725.5	714.9	4	731.0	12	10.4	15.3	10.4	11.7	4.9	17	24.2	10	87	59	84	77	35	12
Juli	725.5	717.9	31	731.3	21	17.3	24.8	17.2	19.2	11.7	28	31.2	12.14	79	50	81	70	35	12
August	724.7	717.6	31	731.7	4	14.4	22.6	14.8	16.6	8.4	29	32.9	10	83	53	83	73	23	9
September	726.1	714.5	15	733.7	29	10.2	18.0	10.9	12.5	5.6	24	25.4	13	91	62	91	81	39	13
Oktober	721.9	709.3	24	731.6	17	9.1	13.8	10.2	10.9	−0.8	17	21.4	1. 21	89	75	87	84	45	12
November	719.3	708.0	28	727.3	11	1.9	5.8	2.6	3.2	−7.4	23	13.6	2	92	79	89	87	47	15
Dezember	722.2	708.4	28	732.8	14	0.1	1.6	−0.1	0.4	−11.0	31	7.3	28	90	85	90	88	65	4
Jahr	723.0	704.0	III	737.8	I	6.9	12.3	7.4	8.5	−11.3	I	32.9	VIII	88	67	87	81	23	IV VIII

Langenbruck.

$\lambda = 7°46'$, $\beta = 47°21'$, $H_b = 704.7$ m, $G = 0.06$ ‰, $h_r = 1.6$ m

Januar	704.5	692.6	1	714.2	24. 25	−2.3	0.3	−2.1	−1.5	−12.8	19	3.6	10 31	94	84	89	89	67	18
Februar	695.6	686.7	22	709.2	1	0.6	4.0	1.7	2.0	−4.4	21	6.2	16	97	80	92	90	56	24
März	700.5	681.7	3	707.5	29	1.3	6.0	2.4	3.0	−1.5	12	15.8	27	95	74	92	87	45	20. 27
April	695.3	682.5	21	707.0	30	3.7	10.6	5.1	6.1	−2.6	10	18.8	12	92	61	83	79	37	22. 26
Mai	701.0	692.0	10	708.2	1	8.9	14.3	8.6	10.1	1.4	12	26.6	7	82	56	81	73	30	8
Juni	703.2	692.8	4	709.0	12	9.8	13.8	9.0	10.4	3.2	18	23.0	10	79	60	80	73	38	12
Juli	703.9	694.5	31	709.1	18. 20 21	16.9	23.4	16.0	18.1	11.4	27	30.4	12. 13	68	48	66	61	35	14
August	702.9	696.3	18	709.3	4	13.1	21.6	14.2	15.8	6.2	29	31.0	10	75	50	67	64	32	7. 14
September	704.1	692.8	15	711.8	29	8.8	16.7	10.2	11.5	3.7	2	23.6	11	95	59	89	81	40	11. 13 14
Oktober	700.0	688.3	24	709.4	1	7.5	12.5	8.7	9.3	−1.8	18	21.6	25	92	73	91	85	47	12
November	696.7	685.9	28	704.7	1. 11. 12	0.4	3.9	1.1	1.6	−10.0	23	13.8	2	95	83	92	90	57	15
Dezember	699.1	686.5	28	708.6	14	−1.7	−0.1	−1.4	−1.2	−12.2	31	4.6	9	96	87	92	90	65	9
Jahr	700.6	681.7	III	714.2	I	5.6	10.7	6.1	7.1	−12.8	I	31.0	VIII	88	68	84	80	30	V

Weissenstein.

$\lambda = 7°30'$, $\beta = 47°15'$, $H_b = 1285$ m, $G = -0.02$ ‰, $h_r = 1.5$ m

Januar	655.1	644.9	1	664.9	24	−4.7	−3.6	−4.6	−4.4	−11.8	19	1.0	24	93	91	89	91	0	24
Februar	647.3	639.1	19. 22	660.6	1	−1.9	0.3	−0.9	−0.9	−6.0	21	6.8	2	90	83	89	87	0	2
März	651.9	633.3	3	659.3	26	−0.7	1.5	−0.1	0.2	−4.8	13	9.8	27	96	91	93	93 †	30	31
April	647.8	636.2	21	659.5	30	2.0	5.2	2.5	3.0	−4.4	8	12.4	12	80	63	75	73	5	26
Mai	653.8	645.2	10	661.3	1	6.0	9.7	6.4	7.1	−1.8	18	20.6	7	81	67	77	75	14	8. 20
Juni	655.7	645.9	4	661.3	10	5.7	9.3	6.1	6.8	−0.8	17. 18	20.6	10	92	74	86	84 †	15	12
Juli	657.8	649.7	31	663.7	13	13.9	19.4	14.4	15.5	9.2	27	28.0	13	71	57	65	64	15	13. 15
August	656.6	649.4	31	661.8	4	11.9	17.3	12.8	13.7	5.0	28	27.0	10	79	77	74	77	10	2
September	657.1	646.9	19	665.6	30	8.0	12.0	9.2	9.6	2.2	19	19.0	10	74	55	62	64	10	28
Oktober	652.9	641.8	4	662.8	1	6.5	8.9	6.6	7.1	−1.2	4	18.2	1	83	82	82	82	0	31
November	648.4	639.1	28	657.0	1. 12	−0.3	1.5	−0.3	0.1	−6.6	9. 23	10.6	12	88	82	90	87	7	12
Dezember	649.8	639.7	28	658.7	17	−4.2	−3.7	−4.2	−4.1	−10.6	31	1.6	12	90*	88*	89*	89*	30*	8
Jahr	652.9	633.3	III	665.6	IX	3.5	6.5	4.0	4.5	−11.8	I	28.0	VII	85	76	81	81†	0	I. II X

† offenbar zu hoch.

Solothurn.

$\lambda = 7°32'$, $\beta = 47°13'$, $H = 470$ m, $G = —$ ‰, $h_r = 1.5$ m

Januar	—	—	—	—	—	−1.5	1.5	−0.5	−0.3	−11.1	22	5.2	1	91	78	90	86	40	13
Februar	—	—	—	—	—	1.0	5.3	2.5	2.8	−3.2	7	9.8	2	98	76	92	89	42	23
März	—	—	—	—	—	2.5	8.6	4.4	5.0	−1.4	19	18.3	27	91	61	82	78	33	27
April	—	—	—	—	—	5.6	12.9	7.4	8.3	−1.3	10	21.4	11	87	51	74	71	21	26
Mai	—	—	—	—	—	10.4	17.5	11.2	12.6	4.3	12	27.8	7	82	47	69	66	20	8
Juni	—	—	—	—	—	11.1	17.3	11.8	13.0	6.1	17. 18	27.2	10. 25	79	45	68	64	30	12. 15
Juli	—	—	—	—	—	17.5	27.2	19.7	21.0	13.9	1	33.8	13	76	36	56	56	22	28
August	—	—	—	—	—	15.9	25.0	17.6	19.0	9.8	26	36.0	10	73	37	58	56	18	10
September	—	—	—	—	—	10.5	19.8	13.0	14.1	4.9	25	27.5	11. 12	90	42	79	70	22	26
Oktober	—	—	—	—	—	8.5	14.1	9.6	10.4	−0.7	18	23.4	1	95	70	94	86	40	17
November	—	—	—	—	—	1.9	5.6	2.8	3.3	−7.9	23	13.4	3	97	80	93	90	35	15
Dezember	—	—	—	—	—	−0.2	1.7	0.0	0.4	−9.5	31	7.8	17	92	82	91	89	46	29
Jahr	—	—	—	—	—	6.9	13.0	8.3	9.1	−11.1	I	36.0	VIII	88	59	79	75	18	VIII

Beobachter: **W. Bührer.**

Wintersingen.

Bewölkung				Niederschlag		Zahl der Tage								Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum Tag	● *	●* ≥1.0	*	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.2	7.7	8.3	8.1	74	12	8	17	13	10	—	—	5	3	21	2	0	5	1	3	0	7	9	66	Januar
8.3	8.1	7.3	7.9	117	19	18	19	16	—	—	—	1	1	14	2	2	8	6	2	5	11	10	38	Februar
8.8	7.7	5.0	7.2	73	17	3	11	9	4	—	—	3	3	12	0	2	14	7	1	6	9	11	43	März
7.2	6.6	4.8	6.2	87	23	14	11	10	—	—	3	0	5	12	0	4	10	4	4	2	8	11	47	April
4.4	6.0	5.8	5.4	164	38	29	19	18	—	—	1	2	9	8	2	2	3	1	1	4	10	23	47	Mai
7.3	7.1	6.5	7.0	67	14	16	16	12	—	—	2	1	4	16	3	0	1	1	0	3	13	19	50	Juni
4.2	3.7	3.6	3.8	26	15	31	8	4	—	—	1	0	16	6	4	2	6	3	0	1	13	16	48	Juli
4.2	3.7	2.7	3.5	63	12	31	12	10	—	—	2	0	12	1	3	1	6	6	1	1	13	14	48	August
5.0	3.9	3.3	4.1	82	30	23	9	9	—	2	2	0	10	4	0	2	3	1	2	1	16	14	51	September
7.1	6.5	5.6	6.4	202	50	13	17	13	—	—	1	1	6	12	0	0	1	5	3	4	9	10	61	Oktober
6.8	7.7	7.3	7.3	154	21	16	20	15	8	—	—	3	2	13	1	1	3	7	3	7	8	10	50	November
9.0	8.5	9.0	8.8	128	22	26	23	17	14	—	—	5	0	25	3	0	5	6	1	5	17	7	49	Dezember
6.7	6.4	5.8	6.3	1237	50	X	182	146	36	2	12	21	71	144	20	16	65	48	21	39	134	154	598	Jahr

Beobachter: **T. Bider.**

Langenbruck.

9.0	8.9	7.9	8.6	76	13	20	17	14	16	—	—	3	3	25	17	11	26	6	1	0	15	8	9	Januar
9.6	8.6	9.0	9.1	131	24	18	19	15	9	—	1	4	0	21	18	3	9	4	2	1	34	11	2	Februar
7.1	8.3	6.0	7.1	82	20	2	12	12	8	—	1	7	1	16	17	1	19	13	5	2	9	10	17	März
7.6	7.5	6.0	7.0	81	22	14	13	10	2	—	3	0	4	17	14	5	24	10	2	0	19	9	7	April
5.7	6.5	6.4	6.2	135	38	29	17	16	3	—	1	3	6	14	30	0	8	10	1	2	14	14	14	Mai
7.4	7.5	7.0	7.3	66	10	16	17	15	1	—	3	1	4	17	18	10	24	11	0	0	15	5	7	Juni
4.6	4.8	5.8	5.1	31	20	31	10	5	—	—	1	0	6	8	8	0	16	8	5	2	14	3	37	Juli
4.3	3.9	3.5	3.9	51	12	31	9	8	—	—	2	0	13	5	5	3	28	8	4	0	22	8	15	August
5.5	5.3	4.3	5.0	75	33	23	11	7	—	—	1	3	7	7	6	4	23	5	4	2	12	10	24	September
7.7	7.1	5.4	6.7	240	40	13	17	14	3	—	—	2	4	14	11	3	11	4	7	14	15	13	15	Oktober
8.2	8.6	7.9	8.2	146	24	7	19	16	8	—	—	6	1	19	11	2	15	9	2	4	28	13	6	November
9.1	9.0	8.6	8.9	192	34	24	20	19	16	—	—	8	1	25	19	4	21	4	5	3	9	16	12	Dezember
7.2	7.2	6.5	7.0	1306	40	X	181	151	66	—	13	37	50	188	174	46	224	92	38	30	206	120	165	Jahr

Beobachter: **K. Illi.**

Weissenstein.

6.5	7.8	6.5	6.9	52	14	20	18	13	18	—	—	8	6	15	11	0	0	0	0	2	10	9	61	Januar
7.1	7.6	7.2	7.3	160	30	28	16	15	15	—	—	2	3	15	1	0	0	1	8	8	16	0	50	Februar
8.0	7.3	5.3	6.9	124	35	2	14	13	11	—	—	6	5	15	1	0	0	2	3	13	2	8	64	März
4.4	4.6	2.4	3.8	64	14	12	12	12	5	—	—	7	11	3	6	2	0	13	10	4	5	9	41	April
4.3	5.1	4.5	4.6	170	35	25	18	13	—	—	1	11	11	8	3	1	1	2	18	11	16	5	36	Mai
5.8	6.3	5.2	5.8	71	20	16	16	12	2	—	—	9	6	13	12	1	0	0	6	3	18	31	19	Juni
2.9	3.9	3.9	3.6	42	17	8	7	6	—	—	2	1	11	4	4	7	7	8	3	9	22	11	22	Juli
3.0	2.6	2.7	3.1	55	14	31	9	9	—	—	—	0	14	5	8	1	1	16	1	2	26	9	29	August
3.5	3.8	2.7	3.3	59	28	23	10	9	—	—	—	5	14	2	9	3	0	11	4	5	17	9	32	September
5.7	5.7	3.3	4.9	320	52	24	17	17	2	—	—	10	10	8	0	0	0	4	13	13	17	5	41	Oktober
5.2	6.5	6.4	6.0	186	30	15	20	19	11	—	—	9	4	10	0	2	0	4	4	10	8	3	59	November
7.2	7.2	7.8	7.4	182	50	27	17	14	17	—	—	11	5	19	5	2	0	5	1	1	11	8	60	Dezember
5.3	5.7	4.8	5.3	1485	52	X	174	152	81	—	? 3	79	100	? 117	60	19	9	66	71	81	168	107	514	Jahr

Beobachter: **B. u. G. Glutz.**

Solothurn.

8.9	8.6	7.2	8.2	62	19	20	18	12	15	—	—	5	2	21	0	9	9	2	0	4	5	11	53	Januar
9.4	8.3	7.1	8.3	141	22	18	15	14	3	—	—	9	0	19	0	2	3	0	0	9	2	10	48	Februar
8.7	7.9	6.3	7.6	87	23	2	12	11	3	—	—	3	2	17	1	9	11	0	1	7	15	5	54	März
7.0	6.4	5.0	6.1	61	13	14	11	11	—	—	—	0	4	10	0	10	11	6	1	1	7	4	50	April
5.7	6.3	4.9	5.6	165	31	29	17	14	—	—	1	1	8	9	2	2	3	4	1	9	4	21	47	Mai
6.2	7.2	6.2	6.5	41	9	13	14	9	—	—	1	0	3	11	1	5	10	1	2	4	8	17	42	Juni
3.9	4.9	4.5	4.4	39	14	31	7	5	—	—	1	0	10	6	4	5	8	8	2	6	6	10	44	Juli
3.8	4.4	2.9	3.7	52	18	31	9	7	—	—	—	1	11	2	5	3	8	6	2	5	6	11	47	August
5.4	5.1	3.5	4.7	111	36	23	11	9	—	—	—	3	8	6	2	1	8	2	4	9	5	5	54	September
8.3	7.3	6.0	7.2	302	50	21	18	15	—	—	—	7	1	15	0	0	1	1	3	3	19	7	59	Oktober
8.1	8.2	8.1	8.1	175	24	6	20	18	6	—	—	5	0	19	0	3	6	2	0	2	9	10	58	November
9.0	8.9	8.6	8.8	235	37	24	20	16	13	—	—	2	0	22	1	11	9	1	0	4	17	8	42	Dezember
7.0	7.0	5.9	6.6	1471	50	X	172	141	40	—	? 3	36	49	157	16	60	87	33	16	63	103	119	598	Jahr

Langnau i. E.

$\lambda = 7°47'$, $\beta = 46°56'$, $H = 685$ m, $G = -$ m/m, $h_r = 1.6$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	—	—	—	—	—	-3.6	0.8	-2.4	-1.9	-12.8	22	4.8	10	91	72	88	84	54	19
Februar	—	—	—	—	—	-0.3	4.5	1.1	1.6	-6.2	21	7.1	28	92	68	87	82	40	27
März	—	—	—	—	—	1.6	7.7	3.0	3.8	-2.4	17	15.4	26	89	60	86	78	38	24
April	—	—	—	—	—	4.6	11.3	5.8	6.9	0.5	10	18.7	11	88	59	87	78	29	11
Mai	—	—	—	—	—	9.0	15.5	9.8	11.0	1.4	12	25.0	7	81	51	82	71	33	3
Juni	—	—	—	—	—	10.2	15.1	10.0	11.3	4.4	17	23.0	10	82	54	85	73	39	30
Juli	—	—	—	—	—	16.8	24.2	17.2	18.9	12.2	1. 28	29.9	13	77	46	79	67	36	15
August	—	—	—	—	—	13.9	22.2	15.0	16.5	7.3	29	30.9	10	83	50	82	72	26	10
September	—	—	—	—	—	9.1	17.5	10.8	12.1	4.6	25	23.3	12	91	56	87	78	35	12
Oktober	—	—	—	—	—	8.0	13.5	9.0	9.8	0.9	18	22.6	1	91	66	91	82	37	1
November	—	—	—	—	—	0.6	5.2	1.8	2.3	-7.9	23	14.6	2	93	72	92	86	51	20
Dezember	—	—	—	—	—	-1.4	0.9	-1.1	-0.7	-9.0	25	5.9	28	89	78	88	85	61	10
Jahr	—	—	—	—	—	5.7	11.5	6.7	7.6	-12.8	I	30.9	VIII	87	61	86	78	26	VIII

St. Beatenberg.

$\lambda = 7°48'$, $\beta = 46°41'$, $H_b = 1148$ m, $G = -0.05$ m/m, $h_r = 1.1$ m

Januar	666.4	656.6	1	674.6	24	-4.5	-1.6	-3.9	-3.5	-13.3	19	2.9	3	80	74	81	78	38	3
Februar	658.8	650.2	19	673.1	1	-0.7	2.7	0.1	0.5	-5.7	21	6.2	2	73	67	73	71	41	3
März	663.3	646.9	3	670.6	26	0.4	4.3	0.8	1.6	-5.4	12	11.8	27	78	68	82	76	41	23
April	658.8	646.3	21	670.9	30	3.6	8.1	3.8	4.8	-0.9	9	15.6	12	78	64	80	74	30	11
Mai	664.5	656.2	26	672.3	1	8.2	12.5	7.6	9.0	0.8	10	22.2	7	72	61	77	70	32	6
Juni	666.5	655.9	4	672.0	9	7.9	11.4	7.3	8.5	-0.5	17	19.8	10	81	69	82	77	52	8-28 30
Juli	668.3	660.6	31	674.6	13	15.2	20.0	14.8	16.2	10.5	27	27.4	14	71	59	73	68	40	14
August	667.3	659.7	31	672.4	9	13.7	19.0	13.5	14.9	6.8	25	27.2	10	66	54	68	63	34	10.18
September	667.6	658.2	15	675.4	29	9.3	13.7	9.8	10.7	4.5	1	20.2	12	74	64	73	70	40	24
Oktober	664.2	653.5	4	673.6	1	7.8	10.9	8.1	8.8	0.3	16	19.5	1	70	66	74	70	31	12
November	659 8	650.0	28	668.0	1	0.9	4.1	1.3	1.9	-7.0	20. 23	13.2	1	73	68	77	73	39	12
Dezember	661.7	651.2	28	671.0	16	-2.7	-1.4	-2.6	-2.3	-9.0	20	4.0	28	82	80	82	81	52	9
Jahr	663.9	646.3	IV	675.4	IX	5.0	8.6	5.0	5.9	-13.3	I	27.4	VII	75	66	77	73	30	IV

Interlaken (Unterseen).

$\lambda = 7°51'$, $\beta = 46°42'$, $H_b = 594.7$ m, $G = 0.04$ m/m, $h_r = 1.5$ m

Januar	714.2	703.2	1	723.8	25	-2.7	1.2	-1.5	-1.1	-8.8	19	5.0	9	89	70	84	81	44	19
Februar	705.4	696.1	22	719.9	1	0.5	5.4	2.0	2.5	-3.2	21	10.4	27	92	64	83	80	32	27
März	709.9	692.6	3	717.1	26	2.6	8.4	4.4	5.0	-1.6	17	16.0	23. 26	87	57	78	74	32	23
April	705.0	690.8	21	716.5	30	5.6	11.7	7.4	8.1	2.4	9	19.8	12	87	55	75	72	31	11
Mai	710.7	701.2	10	717.8	2	9.9	16.4	10.7	12.0	3.6	13	25.0	7	85	52	77	71	34	2
Juni	712.4	702.3	4	718.1	23	10.4	15.6	10.5	11.8	3.8	17	23.0	10. 11	83	55	82	73	38	30
Juli	712.7	704.1	31	718.3	13	16.4	23.9	18.2	19.2	12.8	20	30.0	14	82	49	70	67	37	1
August	711.9	704.3	31	717.9	4	14.6	22.4	16.8	17.6	9.0	26	30.4	10	80	48	68	65	27	18
September	713.4	702.1	15	721.0	29	9.9	17.5	12.1	12.9	5.6	25	24.4	9	90	54	82	75	36	12
Oktober	709.5	697.4	24	718.9	1	7.9	13.3	9.3	10.0	0.4	18	21.4	25	91	63	90	81	33	4
November	706.1	695.6	28	714.5	12	1.9	6.3	3.6	3.9	-5.0	23	14.8	2	92	70	85	82	42	21
Dezember	709.0	697.3	28	718.8	16	0.0	1.8	0.2	0.6	-5.4	21	8.4	18	86	73	87	82	44	24
Jahr	710.0	690.8	IV	723.8	I	6.6	12.0	7.8	8.5	-8.8	I	30.4	VIII	86	59	80	75	27	VIII

Meiringen.

$\lambda = 8°12'$, $\beta = 46°44'$, $H_b = 604.7$ m, $G = 0.03$ m/m, $h_r = 1.6$ m

Januar	713.4	702.4	1	723.2	25	-3.8	-0.4	-2.6	-2.4	-10.3	24	3.5	16	86	73	84	81	46	19
Februar	704.6	695.4	22. 24	719.3	1	-0.4	4.3	1.3	1.6	-5.3	3	8.2	24	94	64	82	80	20	24
März	709.0	689.2	3	716.3	26	1.6	8.2	4.6	4.8	-2.2	17. 19	15.1	28	85	48	71	68	22	23
April	703.8	691.0	21	715.8	30	5.3	11.9	8.5	8.6	0.7	10	19.3	12	86	47	69	67	20	11
Mai	709.5	700.1	10	717.1	2	7.9	16.1	12.2	12.1	3.2	29	25.0	7	92	45	70	69	22	12
Juni	711.6	700.7	4	716.9	23	9.2	14.9	11.5	11.8	3.8	8	22.3	10	94	52	82	76	28	8
Juli	712.0	704.0	31	718.0	13	14.7	22.9	18.5	18.7	11.7	4	27.4	12	89	45	70	68	32	4
August	711.0	703.7	18	717.5	4	12.9	21.1	17.2	17.1	6.7	26	28.7	10	93	48	71	71	29	18
September	712.6	701.5	15	720.3	29	9.2	16.7	13.0	13.0	4.4	25	21.8	17	97	54	78	76	22	14.17
Oktober	708.8	696.1	24	718.7	1	7.9	13.5	9.5	10.1	1.0	18	21.0	28	92	62	87	80	23	28
November	705.3	693.6	28	713.8	12	1.4	6.0	2.9	3.3	-5.8	21	16.1	28	93	68	89	83	24	28
Dezember	708.0	696.1	28	718.1	17	-0.6	1.0	-0.5	-0.2	-4.8	21	5.2	5	85	76	86	82	44	24
Jahr	709.1	689.2	III	723.2	I	5.4	11.4	8.0	8.2	-10.3	I	28.7	VIII	90	57	78	75	20	II. IV

Beobachter: Frl. **R. Zbinden.**

Langnau i. E.

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	● * ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.4	8.0	7.5	7.6	73	19	20	16	14	15	—	—	0	2	19	1	2	30	8	1	1	10	0	40	Januar
8.7	8.3	7.7	8.2	89	18	18	18	12	12	—	—	1	1	17	0	1	14	3	3	7	13	0	43	Februar
8.5	7.7	6.8	7.7	48	10	28	13	11	8	—	1	0	1	20	7	3	23	11	0	7	8	11	23	März
7.5	8.2	6.1	7.3	86	26	14	14	12	4	—	1	0	3	15	3	6	12	7	3	9	13	10	27	April
5.9	6.9	6.0	6.3	175	43	29	15	15	2	—	3	0	5	11	0	2	9	3	1	3	22	36	17	Mai
7.5	8.3	7.1	7.6	87	13	18	16	15	—	2	3	0	4	18	2	9	5	5	1	3	8	41	16	Juni
4.6	5.5	5.1	5.1	104	43	31	11	9	—	—	4	0	11	8	6	3	11	2	1	1	29	14	26	Juli
4.7	5.1	3.2	4.3	61	17	31	10	9	—	—	2	1	12	5	4	1	22	4	0	1	25	17	19	August
5.8	6.0	4.7	5.5	81	21	23	9	8	—	—	1	0	6	9	2	2	9	17	0	0	17	19	24	September
7.5	7.2	7.0	7.2	170	41	13	15	14	—	—	—	0	4	18	2	0	4	6	0	9	21	12	39	Oktober
7.8	8.1	7.5	7.8	140	22	7	19	17	7	—	—	8	1	16	3	1	2	6	7	4	17	2	48	November
9.3	8.7	9.5	9.2	176	26	24. 28	17	16	16	—	—	1	0	23	0	3	12	18	6	3	23	11	17	Dezember
7.1	7.3	6.5	7.0	1290	43	V VII	173	152	64	2	15	11	50	179	30	33	153	90	23	48	206	173	339	Jahr

Beobachter: **K. Lindt.**

St. Beatenberg.

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	● * ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.6	6.8	6.7	6.7	110	23	8	17	14	16	—	—	13	6	17	11	0	0	1	2	2	2	5	70	Januar
7.7	7.1	6.6	7.1	105	20	18	17	15	15	—	—	5	3	13	20	0	0	0	0	2	4	7	51	Februar
6.4	5.6	5.6	5.9	39	7	10	15	11	10	—	—	12	7	10	13	1	0	7	8	2	0	7	55	März
6.7	6.7	5.8	6.4	115	20	14	16	13	5	—	—	10	5	12	17	1	3	13	5	4	1	5	41	April
4.8	5.2	5.4	5.1	159	51	29	15	15	4	—	2	8	7	7	10	1	1	13	4	8	6	9	41	Mai
7.3	7.0	7.2	7.2	147	21	26	20	18	2	—	1	8	4	17	12	0	1	8	10	4	3	6	46	Juni
3.5	4.6	4.8	4.3	104	30	17	13	10	—	—	2	2	10	5	20	0	3	14	1	3	1	6	45	Juli
4.1	3.3	3.8	3.7	100	46	15	10	7	—	—	1	6	13	3	23	3	1	8	2	2	0	9	45	August
8.0	5.3	4.2	5.8	84	21	20	12	10	—	—	—	7	10	6	13	0	0	1	3	0	0	3	70	September
6.7	6.5	5.8	6.3	166	37	5	17	17	3	—	—	6	6	13	15	0	0	3	3	1	3	11	57	Oktober
6.2	7.1	6.7	6.7	130	33	7	19	18	12	—	—	9	3	13	5	1	1	3	5	2	1	16	56	November
8.7	8.8	8.4	8.6	252	43	22	22	19	21	—	—	14	1	22	9	2	1	3	0	4	5	8	61	Dezember
6.4	6.2	5.9	6.2	1511	51	V	193	167	88	—	6	100	75	138	168	9	11	74	43	34	26	92	638	Jahr

Beobachter: **U. Fuchs.**

Interlaken (Unterseen).

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	● * ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.0	6.8	6.8	6.9	82	15	8	17	12	15	—	—	2	5	15	1	2	18	2	0	0	3	1	66	Januar
8.1	7.6	7.0	7.6	79	15	18	15	10	6	—	—	2	2	15	2	3	28	0	0	1	11	4	35	Februar
7.4	5.9	6.8	6.7	26	6	10	15	8	5	—	—	3	2	14	3	2	18	1	1	3	22	5	38	März
6.8	7.2	6.2	6.7	78	13	16	14	12	1	—	—	0	3	14	2	3	20	0	0	2	23	7	33	April
5.0	5.4	6.2	5.5	162	43	29	15	15	—	—	1	0	7	9	1	0	24	1	0	0	32	11	24	Mai
7.5	7.3	6.8	7.2	121	24	26	19	17	—	—	2	0	3	19	6	0	14	0	0	2	19	14	35	Juni
3.8	4.5	5.5	4.6	95	17	17	11	11	—	—	2	0	8	4	2	1	17	1	0	1	20	17	34	Juli
3.8	3.6	3.3	3.6	77	32	15	10	8	—	—	1	0	14	2	1	3	6	0	2	2	24	8	47	August
4.4	4.9	4.4	4.6	67	14	20	11	9	—	—	—	2	10	5	2	0	13	0	0	2	13	7	53	September
7.0	7.0	5.8	6.6	119	26	25	16	12	—	—	—	4	4	13	5	1	13	0	0	2	14	9	49	Oktober
7.0	6.8	7.4	7.1	106	26	7	16	16	5	—	—	9	1	14	3	1	20	0	1	0	12	9	44	November
9.2	8.7	8.1	8.7	227	47	22	19	18	13	—	—	3	1	22	6	1	13	0	0	0	5	13	55	Dezember
6.4	6.3	6.0	6.3	1239	47	XII	178	148	45	—	6	25	60	146	34	17	204	5	4	15	198	105	513	Jahr

Beobachter: **A. Michel.**

Meiringen.

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	● * ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.5	6.7	7.0	6.7	81	21	8	15	13	12	—	—	4	4	15	0	0	0	0	0	0	0	6	87	Januar
7.9	7.4	7.4	7.6	97	15	18	16	15	7	—	—	3	0	15	0	0	0	1	0	0	1	0	82	Februar
7.0	5.4	6.3	6.2	38	16	28	10	9	4	—	—	0	4	14	0	0	3	0	0	1	19	3	67	März
7.1	5.9	7.1	6.7	73	21	14	17	13	—	—	—	2	4	14	0	0	11	0	0	0	16	6	57	April
5.8	6.7	6.7	6.4	165	41	29	17	17	—	—	1	3	4	9	0	0	2	0	0	0	16	11	64	Mai
7.2	6.9	7.8	7.3	122	22	26	20	19	—	—	—	4	2	19	0	0	0	0	0	0	9	13	68	Juni
4.4	5.1	6.0	5.2	114	22	31	12	10	—	—	2	3	6	4	0	0	0	0	0	1	19	2	71	Juli
3.6	4.4	4.3	4.1	99	33	15	12	11	—	—	2	1	10	2	0	0	0	0	0	1	13	9	70	August
4.7	5.1	5.1	5.0	77	20	20	11	10	—	—	—	0	8	7	0	0	4	1	0	0	9	5	71	September
6.8	6.0	6.5	6.4	122	22	3	15	14	—	—	—	4	4	11	0	0	4	1	0	0	7	4	77	Oktober
7.6	7.2	7.8	7.5	100	27	7	17	15	6	—	—	5	1	12	0	0	1	1	0	0	3	5	80	November
9.2	8.8	8.8	8.9	227	37	24	17	15	15	—	—	4	0	25	0	0	1	0	1	1	5	19	66	Dezember
6.5	6.3	6.7	6.5	1315	41	V	179	161	44	—	5	33	47	147	0	0	26	4	1	4	117	83	860	Jahr

Guttannen.

$\lambda = 8°\,17'$, $\beta = 46°\,39'$, $H =$ ca. 1060 m, $G = -0.04$ ‰, $h_r = 1.5$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	673.7	661.9	1	683.1	24	−5.2	−3.0	−4.4	−4.2	−12.6	19	2.0	15	96	93	97	95	77	2. 3
Februar	665.8	657.2	22	680.3	1	−0.9	2.4	0.2	0.5	−6.2	21	6.2	8	97	87	93	92	48	24
März	670.5	653.4	3	677.8	26	0.0	4.5	1.4	1.8	−4.7	18	10.9	27	87	76	87	83	34	27
April	665.9	654.9	21	678.0	30	3.6	8.4	4.7	5.4	−0.5	15	15.3	11	90	72	87	83	39	11
Mai	671.8	662.7	10	679.1	1	7.4	13.6	9.4	10.0	0.8	11	23.4	7	86	61	84	77	36	25.7
Juni	673.7	663.4	4	679.3	10	7.2	11.9	8.7	9.1	0.5	18	20.2	10	99	77	96	91	42	8
Juli	674.9	666.9	31	681.4	13	13.6	21.0	16.3	16.8	9.2	1	29.1	14	89	63	84	79	34	13
August	674.2	666.2	31	679.8	4	11.8	19.1	14.6	15.0	5.5	26	28.1	10	89	66	85	80	33	10
September	675.1	663.5	15	682.8	29	8.5	14.4	10.6	11.0	4.2	2. 25	19.9	30	93	70	89	84	45	29
Oktober	671.1	660.4	24	679.8	1	7.8	11.2	8.6	9.0	0.8	18	19.0	1	88	79	88	85	49	25
November	666.9	660.0	28	675.4	12	2.3	4.6	3.0	3.2	−6.5	22	13.0	12	85	77	84	82	44	21
Dezember	668.7	658.0	28	678.2	16	−2.7	−1.7	−2.6	−2.4	−8.5	21	4.8	9	96	94	96	95	40	8
Jahr	671.0	653.4	IV	683.1	I	4.4	8.9	6.0	6.3	−12.6	I	29.1	VII	91	76	89	85	33	VIII

Freiburg.

$\lambda = 7°\,9'$, $\beta = 46°\,47'$, $H_b = 670$ m, $G = -$ ‰, $h_r = 1.6$ m

Januar	—	—	—	—	—	−2.2	0.6	−1.1	−1.0	−9.8	24	5.4	9	85	73	83	81	46	18
Februar	—	—	—	—	—	0.6	4.5	2.2	2.4	−3.2	21	9.2	2	88	71	85	81	45	8
März	—	—	—	—	—	2.3	6.8	3.7	4.2	−2.4	13	14.2	26	87	66	80	77	40	31
April	—	—	—	—	—	5.0	10.8	6.9	7.4	0.4	9. 10	16.2	12	86	55	75	72	32	26
Mai	—	—	—	—	—	9.5	14.7	10.9	11.5	3.0	10	24.2	7	73	51	68	64	32	3. 4
Juni	—	—	—	—	—	10.3	14.8	11.1	11.8	4.3	17	21.9	10	78	50	69	66	32	28
Juli	—	—	—	—	—	16.9	23.2	18.9	19.5	12.9	28	29.3	13	71	44	59	58	27	13
August	—	—	—	—	—	14.4	21.6	17.3	17.6	9.2	31	29.9	10	72	45	58	58	27	27
September	—	—	—	—	—	10.3	16.6	12.5	13.0	5.2	25	22.3	10	80	55	75	70	36	10
Oktober	—	—	—	—	—	8.8	13.2	9.9	10.5	1.8	16	22.4	1	84	68	82	78	38	1
November	—	—	—	—	—	1.6	4.4	2.3	2.6	−6.8	23	12.0	2	88	78	90	86	40	21
Dezember	—	—	—	—	—	−0.6	0.9	−0.5	−0.2	−7.5	31	5.6	28	89	80	88	86	51	25
Jahr	—	—	—	—	—	6.4	11.0	7.8	8.3	−9.8	I	29.9	VIII	82	61	76	73	27	VII VIII

Marsens.

$\lambda = 7°\,4'$, $\beta = 46°\,39'$, $H_b = 727$ m, $G = -$ ‰, $h_r = 1.5$ m

Januar	—	—	—	—	—	−4.0	−0.1	−2.3	−2.2	−13.4	22. 24	4.8	9	84	74	82	80	50	18
Februar	—	—	—	—	—	0.2	4.6	1.6	2.0	−4.6	4	8.6	2	88	70	84	81	45	8
März	—	—	—	—	—	1.6	7.5	3.4	4.0	−6.2	13	14.2	26	88	61	82	77	34	27
April	—	—	—	—	—	4.2	10.8	6.2	6.9	−2.2	10	16.4	12	89	57	79	75	33	26
Mai	—	—	—	—	—	8.8	14.8	9.9	10.9	2.8	12	23.2	6	81	50	74	68	38	3
Juni	—	—	—	—	—	10.0	14.9	10.4	11.4	3.2	17	21.4	10	83	51	75	69	32	28
Juli	—	—	—	—	—	16.4	23.8	17.9	19.0	12.2	28	28.8	13	77	42	65	61	25	13
August	—	—	—	—	—	14.2	21.4	16.8	17.3	8.8	25. 31	29.1	10	79	46	63	63	23	8
September	—	—	—	—	—	9.6	16.2	10.9	11.9	3.0	25	22.0	12	87	57	82	75	28	10
Oktober	—	—	—	—	—	7.6	13.0	9.3	9.8	1.0	15	21.0	1	87	71	84	81	30	12
November	—	—	—	—	—	1.1	4.6	1.7	2.2	−9.2	22	13.6	2	91	78	89	86	42	22
Dezember	—	—	—	—	—	−1.5	1.1	−1.6	−0.9	−8.6	20	5.0	27	90	82	89	87	60	25
Jahr	—	—	—	—	—	5.7	11.1	7.0	7.7	−13.4	I	29.1	VIII	85	62	79	75	23	VIII

La Chaux-de-Fonds.

$\lambda = 6°\,50'$, $\beta = 47°\,7'$, $H_b = 986.5$ m, $G = -0.01$ ‰, $h_r = 1.3$ m

Januar	680.0	669.7	1	689.1	24	−4.0	−0.9	−3.1	−2.8	−15.4	22	3.4	31	98	89	97	95	62	19
Februar	671.7	662.5	22	685.5	1	−0.5	3.0	0.7	1.0	−5.6	21	8.4	8	98	83	97	93	54	8
März	676.5	657.7	3	683.6	26	0.4	5.0	1.5	2.1	−4.8	16	12.4	26	97	77	95	90	50	31
April	671.6	659.4	21	683.9	30	4.0	8.6	4.9	5.6	−0.6	10	16.8	12	89	65	88	81	34	26
Mai	677.6	669.2	10	684.8	1	8.1	12.3	8.4	9.3	0.2	18	24.0	7	83	67	82	77	35	7
Juni	679.8	669.9	4	685.1	9. 10	8.2	11.8	8.5	9.2	2.8	17. 18	20.3	10	88	70	90	83	43	9
Juli	681.0	672.7	31	687.2	13	15.7	21.5	16.4	17.5	10.8	28	29.2	14	78	54	78	70	36	9
August	679.9	673.2	31	685.4	4	12.8	19.4	14.4	15.2	7.0	29	27.6	9	79	54	75	69	29	6
September	680.7	671.6	15	688.1	29	8.6	15.0	9.9	10.9	4.4	24	21.3	11	89	61	90	80	38	11
Oktober	676.6	666.2	4. 24	686.0	1	7.4	11.6	8.6	9.1	−1.0	17	21.2	1	93	74	90	86	41	12
November	672.5	662.9	28	680.8	3	0.1	3.8	0.5	1.3	−10.2	23	15.8	1	98	85	95	93	62	1
Dezember	674.8	663.3	28	684.2	17	−2.5	−1.0	−2.1	−1.9	−9.0	25. 31	4.2	8	97	93	97	96	43	8
Jahr	676.9	657.7	III	689.1	I	4.9	9.2	5.7	6.4	−15.4	I	29.2	VII	91	73	90	85	29	VIII

Beobachter: **Hs. Huber.**

Guttannen.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●≥1.0	✳	▲	🌂	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.0	6.8	5.9	6.6	141	23	20	15	14	15	—	—	3	6	14	0	0	0	1	0	2	2	0	88	Januar
7.7	7.1	5.6	6.8	119	24	1	14	13	13	—	—	1	2	13	0	0	0	11	0	2	2	2	67	Februar
5.6	5.4	5.2	5.4	23	5	28	8	8	7	—	—	3	9	11	1	1	4	13	1	1	3	7	62	März
6.8	6.5	6.4	6.6	128	36	14	15	12	5	—	—	5	4	14	0	2	1	18	0	2	0	10	57	April
4.9	5.4	6.9	5.7	226	48	29	15	15	5	—	2	2	6	8	0	1	0	16	0	2	3	20	51	Mai
7.6	7.6	8.6	7.9	149	19	4	23	20	2	—	—	4	2	21	0	0	0	0	0	0	5	25	60	Juni
4.1	4.8	6.5	5.1	86	18	16	12	10	—	—	3	0	7	7	4	0	4	7	0	0	2	13	63	Juli
3.5	4.3	4.1	4.0	135	33	31	11	11	—	—	2	2	13	5	0	0	0	5	0	0	6	12	70	August
5.5	5.3	4.8	5.2	129	38	18	12	11	—	—	—	4	9	8	0	1	0	12	0	0	4	6	67	September
6.6	6.2	6.0	6.3	153	35	5	16	12	3	—	—	1	5	13	0	0	2	19	0	1	1	5	65	Oktober
6.7	6.1	7.1	6.6	184	78	7	14	12	8	—	—	4	3	13	1	0	1	27	0	1	0	5	55	November
8.6	8.5	8.0	8.4	342	40	23	18	18	18	—	—	6	1	22	1	1	0	7	0	0	2	18	64	Dezember
6.2	6.2	6.3	6.2	1815	78	XI	173	156	76	—	7	35	67	149	7	6	12	136	1	11	30	123	769	Jahr

Beobachter: **Physikal. Institut.**

Freiburg.

8.3	8.1	8.1	8.2	29	9	8	11	8	10	—	—	2	2	22	7	9	3	0	4	26	3	0	41	Januar
8.7	8.5	7.9	8.4	80	18	11	18	18	10	—	—	4	0	16	0	4	0	0	0	38	3	0	39	Februar
8.7	8.1	7.2	8.0	43	11	7	13	10	7	—	—	9	0	17	6	6	0	0	1	25	4	6	43	März
7.5	7.3	6.6	7.1	63	12	14	13	11	—	—	2	7	0	13	11	2	1	0	1	21	11	4	39	April
6.1	6.4	6.4	6.3	160	44	25	15	14	—	1	1	1	4	12	7	4	0	0	3	29	14	12	24	Mai
7.4	7.6	7.5	7.5	50	11	4	12	12	—	—	1	1	1	14	22	4	0	0	2	15	8	18	21	Juni
5.5	5.7	6.3	5.8	74	36	31	9	5	—	—	2	0	3	9	14	2	1	0	3	23	13	11	26	Juli
4.9	5.0	4.2	4.7	66	20	31	8	8	—	—	3	0	8	4	8	4	1	2	3	20	18	6	31	August
6.2	6.5	5.7	6.1	74	39	23	11	7	—	—	—	2	2	11	10	4	2	0	8	21	11	9	25	September
7.1	7.1	7.8	7.3	207	54	13	17	14	—	—	1	4	1	14	0	0	0	0	6	42	13	8	24	Oktober
8.6	8.7	8.3	8.5	180	35	25	20	18	8	—	—	12	1	20	4	1	2	0	0	34	5	2	42	November
9.6	8.9	9.7	9.4	102	15	28	17	16	14	—	—	6	0	28	4	12	1	1	1	37	3	4	30	Dezember
7.4	7.3	7.1	7.3	1128	54	X	164	141	49	1	10	48	22	180	93	52	11	3	32	331	108	80	385	Jahr

Beobachter: **O. Ansermet. N. Ruffieux.**

Marsens.

7.3	7.2	5.9	6.8	38	10	8	*10	*8	*9	—	—	1	6	16	5	0	6	0	0	0	7	0	75	Januar
8.6	6.9	6.5	7.3	90	20	11	17	14	6	—	—	4	0	11	2	0	1	0	3	2	14	0	62	Februar
7.5	7.0	5.5	6.7	40	10	10	10	8	4	—	1	4	2	13	0	0	5	0	1	2	9	0	67	März
6.3	6.5	5.0	5.9	53	15	14	13	10	2	—	1	4	5	10	5	2	2	0	3	1	3	0	74	April
5.0	5.9	5.3	5.4	157	34	25	15	14	—	—	1	0	8	8	4	0	4	0	1	0	23	0	61	Mai
6.1	6.7	5.7	6.2	61	16	4	14	11	—	—	2	1	5	11	14	3	3	1	2	0	10	1	56	Juni
3.2	3.7	3.6	3.5	44	22	31	4	4	—	—	1	0	12	1	7	2	6	0	6	0	15	0	57	Juli
3.5	3.8	3.0	3.4	79	22	31	9	9	—	—	2	0	14	3	0	0	5	4	2	8	8	1	65	August
5.2	5.3	2.6	4.4	108	45	23	11	9	—	1	1	7	9	3	1	4	4	4	4	9	2	0	62	September
6.3	6.2	5.6	6.0	239	57	13	18	15	—	—	—	1	8	11	0	0	1	0	0	18	3	1	70	Oktober
5.6	6.0	5.1	5.6	200	34	25	20	19	7	—	—	5	9	11	0	0	0	1	1	10	0	1	77	November
9.1	8.5	6.0	7.9	158	27	26	19	17	14	1	—	7	0	16	0	4	1	1	1	8	4	1	73	Dezember
6.1	6.3	5.0	5.8	1267	57	X	160	138	42	2	9	34	78	114	47	15	38	11	24	58	98	5	799	Jahr

Beobachter: **E. Pellaton.**

La Chaux-de-Fonds.

9.6	8.6	7.2	8.5	61	16	20	12	12	11	—	—	0	1	23	29	9	0	0	2	45	8	0	0	Januar
8.9	7.9	8.1	8.3	172	25	18	16	16	13	—	—	2	2	19	8	0	2	0	1	73	0	0	0	Februar
7.1	7.1	5.7	6.6	118	30	2	15	15	10	—	—	3	6	16	16	2	5	1	10	45	14	0	0	März
7.2	7.3	5.4	6.6	92	34	12	13	12	5	1	1	0	2	13	11	9	5	0	10	46	9	0	0	April
5.5	7.1	5.9	6.2	195	29	29	18	16	7	1	1	0	6	14	5	13	2	6	4	61	2	0	0	Mai
7.0	7.8	7.1	7.3	94	16	16	17	14	3	—	4	0	4	17	2	41	1	1	1	35	4	5	0	Juni
4.6	6.2	3.6	4.8	46	12	31	12	10	—	2	3	0	5	4	3	38	0	2	1	44	3	2	0	Juli
4.3	4.3	2.2	3.6	98	27	24	12	9	—	—	2	0	12	2	3	30	0	6	1	52	0	1	0	August
5.5	5.6	2.4	4.5	83	25	23	12	9	—	—	1	0	9	3	1	29	0	11	1	45	2	1	0	September
7.4	7.0	6.4	6.9	240	41	13	21	19	2	—	—	0	6	17	3	2	1	2	1	83	0	0	1	Oktober
8.0	7.8	7.0	7.6	211	24	25. 26	22	20	13	—	—	0	2	16	1	14	0	18	0	56	0	1	0	November
9.4	8.4	9.3	9.0	311	43	28	20	19	19	—	—	3	0	23	0	38	0	1	0	54	0	0	0	Dezember
7.0	7.1	5.9	6.7	1721	43	XII	190	171	83	4	12	8	55	167	82	225	16	48	32	639	42	10	1	Jahr

Lausanne (Champ de l'air).

$\lambda = 6°38'$, $\beta = 46°31'$, $H_b = 552.9$ m, $G = 0.01$ m/m, $h_r = 1.4$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	717.9	706.0	1	727.6	25	−1.0	1.5	−0.2	0.0	−5.5	19	4.5	31	84	75	80	80	50	3
Februar	709.3	699.2	22	724.0	1	2.0	4.9	3.0	3.2	−1.2	21	7.5	8	93	79	89	87	56	7. 27
März	713.6	697.5	3	720.5	26	3.5	8.1	5.3	5.5	−1.3	13	15.4	26	87	69	76	77	41	23
April	708.3	696.0	21	720.0	30	6.5	11.9	8.3	8.8	2.6	8	18.8	12	87	63	73	74	40	26
Mai	714.1	706.3	9	721.2	2	10.6	15.8	12.0	12.6	4.5	12	24.6	6	74	59	71	68	42	4. 19
Juni	716.0	706.8	4	720.5	10. 11	11.7	17.0	12.6	13.5	6.2	17	24.0	11	73	57	68	66	40	28
Juli	716.3	707.3	31	721.4	14	18.3	24.8	19.9	20.7	14.6	28	30.0	14	71	57	68	65	47	27
August	715.4	709.9	31	721.0	4	16.4	23.0	18.5	19.1	11.8	28. 31	30.1	10	69	49	58	59	30	10
September	716.8	706.2	15	723.5	29. 30	11.8	17.7	13.5	14.2	7.2	25	22.7	11	78	58	73	70	46	11
Oktober	713.5	702.5	24	722.5	1	9.7	13.1	10.7	11.0	3.2	15	20.1	1	80	68	79	76	42	15
November	710.0	700.9	28	717.8	11. 12	3.6	6.0	3.8	4.3	−3.4	23	11.4	2	88	80	86	85	56	18
Dezember	713.0	702.4	28	722.3	17	0.8	2.5	0.8	1.2	−5.4	31	6.0	6	90	86	89	88	70	20
Jahr	713.7	696.0	IV	727.6	1	7.8	12.2	9.0	9.5	−5.5	1	30.1	VIII	81	67	76	75	30	VIII

Clarens-Montreux.

$\lambda = 6°54'$, $\beta = 46°27'$, $H_b = 376.2$ m, $G = 0.04$ m/m, $h_r = 1.6$ m

Januar	733.7	721.6	1	744.1	25	0.3	3.2	0.8	1.3	−5.1	22	6.5	9	72	60	71	68	33	19
Februar	724.8	714.3	22	739.7	1	3.0	6.0	3.9	4.2	0.3	7	11.0	27	82	65	79	76	26	27
März	729.1	712.7	3	736.3	26	4.5	8.2	6.4	6.4	−0.7	13	14.2	28	74	56	66	65	32	28
April	723.4	710.5	21	735.3	30	7.4	11.4	9.8	9.6	4.2	10	18.6	26	80	55	63	66	22	26
Mai	729.2	721.1	9. 10	736.7	1	11.0	14.9	12.9	12.9	6.0	10	22.9	7	74	52	62	63	30	4. 11
Juni	731.0	722.1	4	735.8	10	12.1	15.9	13.7	13.9	7.6	18	22.6	11	72	47	60	60	27	12
Juli	731.0	721.4	31	736.4	21	18.8	23.2	21.3	21.1	14.3	1	27.7	13	69	46	53	56	30	27
August	730.2	723.7	31	736.1	4	17.2	22.0	19.3	19.4	11.4	29	27.0	11	64	46	54	55	22	18
September	731.9	720.4	15	739.1	30	12.6	18.0	14.8	15.0	8.4	25	21.1	6. 12	81	52	70	68	31	24
Oktober	728.6	717.0	24	737.3	18	10.7	14.4	11.7	12.1	5.1	18	23.4	25	83	64	83	77	31	25
November	725.3	714.5	28	734.0	11	4.5	7.7	5.4	5.7	−2.4	23	13.8	17	80	65	78	74	26	21
Dezember	728.5	718.1	28	738.4	17	2.1	4.3	2.4	2.8	−3.2	21	9.3	10	77	61	73	70	33	29
Jahr	728.9	710.5	IV	744.1	1	8.7	12.4	10.2	10.4	−5.1	1	27.7	VII	76	56	68	67	22	IV VIII

Leysin.

$\lambda = 7°0'$, $\beta = 46°20'$, $H = 1353$ m, $G = —$ m/m, $h_r = 1.5$ m

Januar	—	—	—	—	—	−3.8	−0.9	−3.5	−2.9	−11.3	19	3.4	3	68	63	67	66	24	3
Februar	—	—	—	—	—	−0.7	2.8	0.1	0.6	−6.6	21	8.1	2	70	59	69	66	25	3
März	—	—	—	—	—	−0.1	3.8	0.7	1.3	−6.8	13	9.6	26. 27	76	65	70	70	33	27
April	—	—	—	—	—	3.6	7.1	3.7	4.5	−1.2	14	14.1	11	72	63	67	67	33	11
Mai	—	—	—	—	—	8.2	11.9	7.5	8.8	0.0	12	19.6	7	63	58	66	62	32	3. 8. 12
Juni	—	—	—	—	—	8.3	11.5	7.2	8.7	−0.3	17	19.0	11	72	64	71	69	43	28
Juli	—	—	—	—	—	15.1	19.9	15.2	16.4	11.6	2. 18	25.1	14	66	58	64	63	34	14
August	—	—	—	—	—	13.9	17.8	14.4	15.1	6.4	25	24.5	15	65	56	60	60	25	21
September	—	—	—	—	—	9.4	13.2	10.1	10.7	3.8	19	18.0	10	69	69	67	69	33	28
Oktober	—	—	—	—	—	7.8	10.9	8.3	8.8	−1.2	15	19.1	1	74	67	72	71	19	12
November	—	—	—	—	—	1.1	3.7	1.3	1.9	−8.2	23	15.6	1	75	64	73	71	26	1
Dezember	—	—	—	—	—	−3.1	−1.4	−2.7	−2.5	−10.2	20. 21	6.3	12	83	76	82	80	24	8
Jahr	—	—	—	—	—	5.0	8.4	5.2	6.0	−11.3	1	25.1	VII	71	64	69	68	19	XI

Siders.

$\lambda = 7°32'$, $\beta = 46°18'$, $H_b = 551.6$ m, $G = 0.00$ m/m, $h_r = 1.2$ m

Januar	718.5	706.4	12	728.9	24	−4.8	0.5	−3.7	−2.9	−11.2	19	3.8	22	91	78	90	86	61	17
Februar	709.9	700.4	19	723.6	1	0.5	6.3	2.5	2.9	−4.6	7	10.0	27	93	74	88	85	45	21
März	714.0	698.4	3	722.6	26. 27	2.7	11.4	5.5	6.3	−2.6	13	18.0	25. 28	88	56	78	74	32	27
April	708.4	695.8	21	719.9	30	7.8	15.5	9.9	10.8	3.2	10	22.0	30	83	54	68	68	38	11
Mai	713.8	705.3	10	722.2	1	12.0	19.3	13.0	14.3	6.8	16	29.0	7	73	50	68	64	30	12
Juni	715.4	705.3	4	722.2	10	12.8	19.6	13.5	14.8	7.2	18	26.4	11	79	56	71	69	41	6
Juli	716.2	707.2	31	722.2	13	19.1	27.9	20.5	22.0	15.0	3	32.1	11	73	50	64	62	39	10
August	715.4	707.7	24	721.1	4	16.7	24.6	18.4	19.5	10.8	29	31.2	15	76	56	68	67	40	10
September	717.1	705.9	15	726.3	30	11.5	20.1	13.6	14.7	6.4	25. 26	26.1	13	88	59	81	76	45	13
Oktober	714.1	703.6	24	723.9	1	8.7	15.9	10.2	11.3	2.0	18	23.6	1	92	70	89	84	47	1
November	710.7	702.4	29	719.2	12	2.6	7.6	3.9	4.5	−6.0	23	15.0	1	92	72	88	84	50	11
Dezember	713.6	702.3	28	723.8	13	−1.0	2.0	−0.3	0.1	−7.0	7	6.0	1	92	86	92	90	60	29
Jahr	713.9	695.8	IV	728.9	1	7.4	14.2	8.9	9.9	−11.2	1	32.1	VII	85	63	79	76	30	V

Beobachter: **D. Valet.**

Lausanne (Champ de l'air.)

Bewölkung 7^{30}	Bewölkung 13^{30}	Bewölkung 21^{30}	Bewölkung Mittel	Niederschlag Summe	Niederschlag Maximum	Niederschlag Tag	•*	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.4	6.3	5.2	6.0	41	12	20	11	7	10	—	—	1	6	11	6	19	3	3	1	4	4	1	52	Januar
7.9	6.5	7.1	7.2	109	23	11	19	14	3	—	—	2	0	12	4	4	1	0	1	11	16	4	43	Februar
6.6	5.2	5.3	5.7	55	14	2	14	9	2	—	1	0	3	8	5	21	5	3	2	13	12	1	31	März
6.0	5.3	5.5	5.6	63	21	12	13	7	—	—	2	0	3	6	4	9	5	4	4	13	12	3	36	April
5.2	5.0	5.2	5.1	149	27	25	15	14	—	—	2	0	8	8	4	5	3	2	2	16	20	3	38	Mai
4.8	5.1	5.1	5.0	59	11	3	10	9	—	—	3	0	5	6	22	15	3	6	3	10	12	0	19	Juni
3.5	3.5	4.5	3.8	38	25	18	6	3	—	—	4	0	8	2	7	10	4	4	10	14	16	4	24	Juli
3.2	2.6	2.6	2.8	101	47	20	7	6	—	—	1	0	14	3	5	22	5	5	7	13	9	6	21	August
4.5	4.2	4.0	4.2	89	48	23	9	7	—	1	1	0	9	5	6	20	3	4	7	11	14	5	20	September
7.2	6.1	6.4	6.6	262	72	13	16	15	—	—	1	2	4	13	2	10	3	4	1	20	15	3	35	Oktober
7.6	7.9	7.8	7.8	182	38	25	20	17	3	—	—	2	1	19	4	13	4	2	1	21	11	3	31	November
8.5	7.2	8.1	7.9	126	19	28	17	15	9	—	—	0	0	19	9	22	7	1	4	17	8	3	22	Dezember
5.9	5.4	5.6	5.6	1274	72	X	157	123	27	1	15	7	61	112	78	170	46	38	43	163	149	36	372	Jahr

Beobachter: **C. Bührer.**

Clarens-Montreux.

Bewölkung 7^{30}	Bewölkung 13^{30}	Bewölkung 21^{30}	Bewölkung Mittel	Niederschlag Summe	Niederschlag Maximum	Niederschlag Tag	•*	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.4	5.7	5.6	5.9	42	16	10	12	8	5	—	—	0	8	13	2	0	1	3	4	0	0	1	82	Januar
7.5	7.7	6.8	7.3	87	18	11	16	11	—	—	—	1	2	13	0	0	0	4	1	1	0	0	78	Februar
6.2	4.2	5.6	5.5	29	6	3. 31	12	8	1	—	1	0	6	12	0	1	0	2	0	2	1	0	87	März
6.2	5.5	6.1	5.9	52	13	14	13	11	—	—	1	0	6	9	0	0	0	1	2	3	3	1	80	April
4.4	4.1	4.6	4.4	145	32	25	15	13	—	—	—	0	9	7	2	0	0	0	0	1	1	5	84	Mai
5.0	4.6	5.3	5.0	65	25	4	11	9	—	—	4	0	8	8	1	0	0	1	0	1	1	4	82	Juni
3.1	2.6	4.3	3.3	64	34	17	6	5	—	—	3	0	11	2	1	1	1	2	2	0	2	1	83	Juli
3.8	2.6	2.3	2.9	98	34	24	9	8	—	—	3	0	15	3	1	1	0	0	1	0	3	2	85	August
4.0	4.3	3.4	3.9	71	39	23	8	6	—	—	—	0	12	6	0	1	0	1	0	2	1	4	81	September
6.9	6.3	6.5	6.6	164	46	22	15	14	—	—	1	1	4	14	0	1	0	2	5	1	0	1	83	Oktober
7.3	8.4	8.3	8.0	156	26	25	19	15	2	—	—	2	1	19	1	1	0	1	1	0	0	2	84	November
8.8	7.1	8.1	8.0	143	26	22	17	13	11	—	—	0	2	19	1	1	1	3	1	1	0	2	83	Dezember
5.8	5.3	5.6	5.6	1116	46	X	153	121	19	—	13	4	84	125	9	7	3	20	17	12	12	23	992	Jahr

Beobachter: **M. u. J. Bouët-Vermont.**

Leysin.

Bewölkung 7^{30}	Bewölkung 13^{30}	Bewölkung 21^{30}	Bewölkung Mittel	Niederschlag Summe	Niederschlag Maximum	Niederschlag Tag	•*	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
5.4	5.8	4.6	5.3	54	14	8	10	8	10	—	—	12	9	11	9	11	6	0	6	1	2	9	49	Januar
6.4	7.5	6.0	6.6	99	17	26	16	14	15	—	—	10	2	9	5	2	0	0	3	6	14	11	53	Februar
5.8	5.9	5.3	5.7	38	12	3	10	7	10	—	1	9	9	12	10	6	2	9	14	7	13	8	33	März
6.7	5.7	5.3	5.9	44	11	14	13	9	4	—	1	8	5	10	4	2	0	0	16	16	13	1	38	April
5.1	4.9	4.6	4.9	124	30	29	13	13	1	1	—	4	9	8	10	2	1	0	24	23	6	2	25	Mai
6.0	6.2	5.6	5.9	88	30	4	15	13	2	1	3	2	5	11	13	5	6	2	20	21	3	4	16	Juni
3.5	3.8	3.6	3.6	43	20	31	7	6	—	—	2	5	12	2	5	1	0	0	30	25	5	0	27	Juli
3.7	3.2	2.3	3.1	152	60	15	10	10	—	—	3	5	15	2	11	5	0	1	26	22	14	4	10	August
4.6	5.1	3.3	4.3	86	39	23	12	8	—	1	2	6	11	6	8	1	0	2	18	10	13	5	33	September
6.7	6.1	5.9	6.2	188	45	23	15	14	3	—	1	8	7	14	9	0	0	0	9	14	20	13	28	Oktober
6.4	7.9	6.9	7.1	131	16	16	19	13	11	—	—	11	2	13	13	1	1	0	5	6	22	14	28	November
6.9	6.8	7.0	6.9	197	36	22	18	14	18	—	—	12	4	14	10	6	3	1	1	7	12	9	44	Dezember
5.6	5.7	5.0	5.5	1244	60	VIII	158	129	74	3	13	92	90	112	107	42	19	6	162	158	137	80	384	Jahr

Beobachter: **F. de Courten.**

Siders.

Bewölkung 7^{30}	Bewölkung 13^{30}	Bewölkung 21^{30}	Bewölkung Mittel	Niederschlag Summe	Niederschlag Maximum	Niederschlag Tag	•*	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
5.1	4.2	3.9	4.4	18	6	20	7	4	6	—	—	1	12	7	0	0	0	0	0	0	0	0	93	Januar
6.6	6.5	7.3	6.8	47	16	26	13	12	4	—	—	2	2	12	0	0	0	0	0	0	0	0	84	Februar
4.5	4.3	3.1	4.0	18	6	2	5	5	2	—	—	0	13	4	0	2	0	0	0	2	0	0	89	März
6.3	5.7	4.2	5.4	28	8	21	7	7	—	—	—	0	4	7	0	11	0	0	0	9	0	0	70	April
4.7	5.1	4.7	4.8	73	41	29	10	8	—	—	1	0	8	8	0	1	0	0	0	9	0	0	83	Mai
5.8	5.7	5.4	5.6	19	5*	24	9	6	—	—	1	0	5	8	0	0	0	1	0	13	0	0	76	Juni
3.0	3.7	3.4	3.4	28	18	31	6	6	—	—	2	0	12	2	0	0	0	0	0	10	1	0	82	Juli
3.4	3.4	2.3	3.0	34	13	15	6	6	—	—	—	0	15	3	0	0	0	0	0	2	2	0	89	August
4.1	4.7	3.3	4.0	28	9	23	7	5	—	—	—	0	12	5	0	4	0	0	0	6	0	1	79	September
5.8	5.5	4.8	5.4	93	26	22	13	12	—	—	—	0	7	8	0	1	0	0	0	0	0	0	92	Oktober
5.6	6.2	5.3	5.7	61	10	15	14	14	4	—	—	0	4	7	0	2	0	0	0	0	0	0	88	November
7.1	7.0	6.7	6.9	198	33	22	13	13	9	—	—	1	5	16	0	0	0	0	0	15	0	0	78	Dezember
5.2	5.2	4.5	5.0	645	41	V	110	98	25	—	4	4	99	87	0	21	0	1	0	66	3	1	1003	Jahr

Reckingen.

$\lambda = 8° 14'$, $\beta = 46° 28'$, $H_b = 1332.4$ m, $G = -0.08$ $^m/_m$, $h_r = 1.6$ m

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	649.7	639.7	12	658.1	25	−10.1	−3.7	−7.9	−7.4	−21.4	18	1.4	9	82	59	75	72	44	24
Februar	643.2	634.8	19	655.8	1	−5.7	1.9	−3.2	−2.5	−13.6	21	4.8	2	80	58	79	72	38	24
März	647.3	631.6	3	654.7	26. 27	−4.7	4.4	−1.0	−0.6	−13.8	13	10.2	25. 30	84	47	69	67	32	26
April	643.3	635.1	21	653.9	30	0.6	7.7	2.5	3.3	−6.8	3	12.4	30	86	52	73	70	35	10. 30
Mai	649.1	640.5	10	656.8	2	5.3	13.3	6.5	7.9	−0.4	11	21.6	8	78	47	72	66	25	2
Juni	650.1	640.5	4	656.5	10	6.1	14.0	7.7	8.9	0.6	18	23.8	10	80	44	66	63	29	8
Juli	653.0	645.8	31	660.4	13	12.8	22.2	14.0	15.7	7.8	1	28.4	13	72	38	64	58	28	12
August	651.6	645.1	18	657.7	10	9.9	20.7	12.4	13.8	2.2	26	29.4	14	83	41	67	64	24	10
September	652.4	642.7	15	659.5	30	5.2	15.0	7.8	8.9	−0.4	25	22.4	12	91	47	77	72	30	12
Oktober	649.0	637.7	4	659.5	1	4.1	11.4	5.3	6.6	−3.4	18	21.0	1	89	58	86	78	29	1. 12
November	644.6	638.3	20	654.2	11. 12	1.6	4.2	−0.2	0.5	−12.6	22	16.4	1	87	60	83	77	30	1
Dezember	645.0	636.1	28	653.9	17	−6.7	−2.8	−5.7	−5.2	−14.4	7. 31	3.4	12	89	76	86	84	48	4
Jahr	648.2	631.6	III	660.4	VII	1.3	9.0	3.1	4.1	−21.4	I	29.4	VIII	83	52	75	70	24	VIII

Bellinzona.

$\lambda = 9° 1'$, $\beta = 46° 12'$, $H_b = 236.6$ m, $G = -$ $^m/_m$, $h_r = 1.6$ m

Januar	—	—	—	—	—	0.3	4.7	1.5	2.0	−4.4	23	10.2	16	66	48	64	59	24	15. 19
Februar	—	—	—	—	—	2.4	8.5	3.5	4.4	−1.2	24	14.1	2	80	49	75	68	21	22
März	—	—	—	—	—	4.9	13.6	8.2	8.7	1.4	7. 19	20.2	31	67	40	55	54	21	4. 6
April	—	—	—	—	—	9.1	14.7	10.1	11.0	4.8	3	21.0	30	74	49	70	64	23	16
Mai	—	—	—	—	—	13.7	20.0	14.4	15.6	9.2	19	28.2	7	68	46	69	61	18	11
Juni	—	—	—	—	—	15.5	21.9	16.2	17.5	10.8	19	27.4	10. 11	57	39	54	50	19	17
Juli	—	—	—	—	—	20.8	28.1	21.3	22.9	17.5	1	33.3	14	65	42	69	59	19	27
August	—	—	—	—	—	18.4	26.9	20.5	21.6	12.4	27	32.2	11	67	42	66	58	21	16
September	—	—	—	—	—	12.8	20.2	14.3	15.4	8.0	20. 21	25.0	13	80	49	76	68	24	4
Oktober	—	—	—	—	—	10.4	16.2	11.9	12.6	5.1	17	22.2	1	82	55	79	72	21	6
November	—	—	—	—	—	5.5	10.1	6.2	7.0	−1.5	26	18.5	1	77	54	77	69	18	15
Dezember	—	—	—	—	—	2.4	5.6	1.9	2.9	−2.5	31	16.3	25	66	51	72	63	19	16. 20
Jahr	—	—	—	—	—	9.7	15.9	10.8	11.8	−4.4	I	33.3	VII	71	47	69	62	18	V. XI

Locarno (Muralto).

$\lambda = 8° 48'$, $\beta = 46° 10'$, $H_b = 238.7$ m, $G = 0.05$ $^m/_m$, $h_r = 1.2$ m

Januar	743.0	731.1	12	753.2	26	1.2	5.5	2.7	3.0	−2.8	23	12.0	16	60	53	57	57	22	$^{16-18}_{19}$
Februar	736.2	724.5	19	744.5	1	3.7	8.2	5.3	5.6	0.4	8	13.4	28	71	54	61	62	33	28
März	740.6	722.6	3	748.9	26	6.3	13.4	9.3	9.6	2.8	13	19.0	30	58	39	47	48	19	6
April	735.6	725.8	15	746.6	30	9.7	14.3	10.8	11.4	6.8	21	18.6	18. 30	72	52	64	63	24	16
Mai	740.7	730.8	10	749.3	1	14.2	19.7	15.2	16.1	10.0	10	26.0	7. 8	71	47	65	61	21	11
Juni	740.6	729.7	4	748.2	9	15.7	21.3	16.3	17.4	11.8	4	26.0	$^{11-12}_{24}$	63	40	54	52	17	12
Juli	742.1	735.4	27	749.3	13	20.8	26.6	21.7	22.7	16.4	1	30.0	27	68	46	63	59	22	27
August	740.6	732.6	18	746.8	10	19.8	26.0	21.1	22.0	13.8	25	31.6	11	71	46	62	60	17	19
September	743.4	733.0	15	750.4	28	14.1	19.9	15.5	16.2	9.6	22	24.2	4	81	51	73	68	33	24
Oktober	740.6	726.5	4	750.0	1	11.9	15.8	12.7	13.3	6.4	17	21.0	1	83	60	80	74	25	15
November	737.6	728.5	22	750.0	11	6.5	10.2	7.6	8.0	0.0	21	16.6	2	76	61	73	70	13	15
Dezember	738.4	727.5	23	747.6	14	3.0	6.5	3.5	4.1	−1.4	31	11.4	19	63	55	64	61	18	25
Jahr	740.0	722.6	III	753.2	I	10.6	15.6	11.8	12.5	−2.8	I	31.6	VIII	70	50	64	61	13	XI

Monte Generoso.*)

$\lambda = 9° 1'$, $\beta = 45° 56'$, $H_b = 1610.4$ m, $G = -0.13$ $^m/_m$, $h_r = 1.4$ m

Januar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Februar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
März	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	622.2	613.0	15	634.0	30	0.8	4.1	1.0	1.7	−3.0	5	8.0	18. 30	80	84	89	84	35	1
Mai	628.9	618.8	10	637.1	1	6.4	9.8	6.6	7.4	1.8	12	15.4	6	77	75	84	79	35	18
Juni	628.9	617.7	4	636.3	10	7.9	10.7	7.6	8.4	2.0	20	17.0	24	63	73	72	69	25	27
Juli	632.8	627.1	27	639.3	13	14.0	17.5	14.5	15.1	8.0	1. 2	20.2	10	68	72	76	72	30	27
August	631.0	622.9	19	637.5	10	13.9	17.2	14.5	15.0	9.0	19	21.6	9	65	67	64	65	25	6
September	631.5	622.2	14	638.7	30	8.8	11.6	9.4	9.8	4.0	21	17.0	10	72	69	73	71	25	29
Oktober	628.8	615.6	4	638.2	1	6.4	8.6	7.0	7.3	0.4	5	14.0	1. 2	74	69	72	72	10	19
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dezember	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jahr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*) **Monte Generoso.** Im Winterhalbjahr wurde infolge Betriebseinstellung der Monte Generoso-Bahn nicht beobachtet.

Beobachter: **A. Briw.** — **Reckingen.**

Bewölkung				Niederschlag		Zahl der Tage							Windverteilung								1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum Tag	• *	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
4.4	4.8	4.8	4.7	47	10 15	10	10	10	—	—	2	9	9	6	7	0	0	0	0	0	7	73	Januar
6.4	6.5	5.9	6.3	66	11 25	11	11	11	—	—	1	3	12	1	2	0	0	0	0	0	16	65	Februar
4.6	4.4	4.8	4.6	22	8 1	9	7	9	—	—	3	9	7	7	9	0	0	0	0	0	17	60	März
6.7	6.9	6.7	6.8	90	27 14	11	11	7	—	—	0	3	14	8	15	0	0	0	2	1	20	44	April
5.5*	6.0*	5.7*	5.7*	184	55 29	12	12	—	—	—	0	5	11	8	21	0	0	1	0	3	21	39	Mai
6.4	6.0	5.6	6.0	58	15 25	12	11	1	—	—	0	4	9	5	37	0	0	0	0	2	22	24	Juni
2.9	2.9	3.6	3.1	41	14 31	8	7	—	—	1	1	10	2	3	16	0	3	0	0	3	21	47	Juli
3.4	3.3	2.3	3.0	83	29 31	9	6	—	—	1	2	13	2	4	13	0	0	0	0	1	20	55	August
4.7	5.0	4.0	4.6	78	18 23	10	9	1	—	—	1	7	7	7	4	2	0	1	2	1	18	55	September
6.3	6.2	6.3	6.3	85	14 9	17	12	2	—	—	0	0	12	1	4	0	0	0	0	4	20	64	Oktober
7.0	6.3	6.7	6.7	96	20 7	14	14	10	—	—	3	2	9	3	1	0	0	0	2	1	27	56	November
7.3	6.9	6.9	7.0	237	28 28	19	18	19	—	—	6	3	14	6	4	0	0	0	1	0	17	65	Dezember
5.5	5.4	5.3	5.4	1087	55 V	142	128	70	—	2	19	74	108	59	133	2	3	2	7	16	226	647	Jahr

Beobachter: **A. Lienhard.** — **Bellinzona.**

4.2	4.2	2.7	3.7	0	0	1.16	0	0	—	—	—	1	12	6	17	22	1	0	5	1	0	0	47	Januar
5.9	5.6	4.1	5.2	15	11	8	3	3	1	—	—	2	7	3	4	11	0	0	8	8	0	0	53	Februar
4.4	4.3	3.5	4.1	17	10	14	4	2	—	—	—	0	8	4	6	20	0	0	11	8	0	0	48	März
5.7	6.9	6.4	6.3	179	43	21	14	13	—	1	3	0	5	11	7	12	0	5	13	8	0	0	45	April
4.7	5.0	5.6	5.1	302	66	30	15	15	—	1	5	0	8	7	16	6	4	3	21	4	0	1	38	Mai
2.6	3.1	3.7	3.1	72	24	4	7	6	—	—	1	0	8	3	23	15	2	0	20	3	1	1	25	Juni
2.6	3.1	3.7	3.1	126	32	15	7	5	—	1	7	0	11	1	13	6	2	0	26	2	2	0	42	Juli
3.0	3.0	2.1	2.7	143	66	31	6	6	—	—	4	0	16	1	30	3	1	2	24	2	0	0	31	August
3.7	4.1	3.6	3.8	191	83	23	12	12	—	—	3	0	13	6	25	5	0	0	23	0	0	1	36	September
5.9	5.6	4.8	5.4	198	42	27	13	12	—	—	3	0	9	12	23	3	1	0	23	2	0	1	40	Oktober
5.5	5.0	7.2	5.9	244	47	28	16	15	—	—	1	2	5	12	18	10	2	1	9	2	2	0	46	November
5.0	6.0	4.0	5.0	36	12	1	8	7	3	—	—	0	14	8	25	18	1	0	3	1	1	0	44	Dezember
4.4	4.7	4.3	4.5	1523	83	IX	105	96	4	3	27	5	116	74	207	131	14	11	186	41	6	4	495	Jahr

Beobachter: **G. Mariani.** — **Locarno** (Muralto).

3.8	3.7	2.3	3.3	6	6	4	1	1	—	—	—	0	17	4	0	1	2	0	1	0	1	0	88	Januar
5.6	5.6	4.4	5.2	6	4	8	4	1	—	—	—	0	5	6	0	0	0	0	0	0	2	2	80	Februar
4.5	3.6	3.4	3.8	21	12	14	6	4	—	—	—	0	11	4	0	0	0	0	0	0	4	0	89	März
6.5	6.5	5.6	6.2	209	58	21	15	13	—	1	1	0	4	11	0	0	0	0	0	1	0	0	89	April
4.8	4.8	5.3	5.0	300	45	28	15	15	—	1	4	0	8	10	1	0	0	0	1	1	1	1	88	Mai
3.7	4.3	3.5	3.8	58	12	15.16	9	8	—	—	2	0	9	2	2	0	1	0	0	0	1	0	86	Juni
2.6	3.0	3.5	3.0	172	85	18	6	4	—	1	5	0	13	1	0	0	0	0	0	2	3	2	86	Juli
3.4	2.8	1.9	2.7	151	81	31	7	6	—	1	6	0	15	2	0	0	0	0	0	1	2	0	90	August
3.5	4.3	3.5	3.8	232	99	23	12	10	—	—	3	0	11	5	0	0	0	0	0	0	1	0	89	September
5.6	5.9	4.4	5.3	335	75	27	14	13	—	—	3	0	8	11	2	1	0	0	0	0	0	0	90	Oktober
5.2	5.0	6.6	5.6	300	51	7	17	17	—	1	2	0	3	9	2	0	0	0	0	1	1	1	85	November
4.7	4.7	3.6	4.3	38	17	1	9	7	3	—	—	0	12	6	1	0	0	0	0	0	1	1	90	Dezember
4.5	4.5	4.0	4.3	1828	99	IX	115	99	3	5	26	0	116	71	8	2	3	0	2	6	17	7	1050	Jahr

Beobachter: **G. Capitani.** — **Monte Generoso.**

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Januar
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Februar
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	März
7.0	8.0	7.1	7.4	281	46	20	21	19	14	—	1	19	0	14	6	1	8	31	0	2	3	34	5	April
5.8	6.2	6.3	6.1	247	51	26	15	13	—	2	3	10	0	8	9	10	4	43	1	4	0	22	0	Mai
5.3	6.3	5.3	5.6	213	62	26	13	13	—	3	5	6	0	4	8	1	6	19	0	2	2	52	0	Juni
4.7	5.5	5.3	5.2	173	43	18	10	9	—	2	3	4	1	2	2	14	4	33	0	2	0	34	4	Juli
4.4	4.4	3.6	4.1	90	46	31	5	4	—	—	2	4	5	3	21	0	13	15	0	0	5	36	3	August
5.2	5.7	5.4	5.4	199	45	23	13	12	—	2	3	10	2	8	3	7	8	25	1	0	0	44	2	September
6.0	6.5	5.5	6.0	250	100	3	14	14	3	—	1	10	5	11	2	2	13	30	3	0	2	36	5	Oktober
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	November
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Dezember
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Jahr

Bernhardin.

Abendbeobachtung: 20^{30} $\lambda = 9^\circ 10'$, $\beta = 46^\circ 30'$, $H_b = 2073^{m}$, $G = -0.16\ ^{m}/_{m}$, $h_r = 7.9^{m}$

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	592.0	582.9	12	601.9	25	−7.9	−6.4	−7.9	−7.5	−17.4	19	3.0	27	67	62	67	65	12	22
Februar	586.8	579.0	19	597.5	1	−6.1	−2.6	−6.0	−5.1	−10.8	21	4.6	3	68	55	74	66	25	3
März	591.1	577.8	3	599.0	25	−5.6	0.1	−4.8	−3.6	−11.8	13	6.8	26	73	48	69	63	22	31
April	587.9	580.1	21	598.8	30	−2.3	2.5	−1.6	−0.8	−7.8	15	8.4	23.27	78	53	87	73	21	24
Mai	594.3	586.0	10	601.8	1. 2	3.3	6.8	2.6	3.8	−4.2	10.11 18	16.2	6	64	49	79	64	20	18
Juni	595.0	585.3	4	602.1	10	3.4	6.8	2.8	3.8	−5.2	18	16.0	11	64	45	71	60	11	9
Juli	599.1	594.1	31	605.8	13	11.8	14.7	10.4	11.8	5.4	2	22.2	14	54	43	69	55	20	8
August	597.9	591.0	18	603.8	9. 10	10.1	13.7	9.6	10.7	2.2	17	21.0	14	60	45	61	55	14	6
September	597.7	588.5	15	605.7	30	4.8	7.2	4.8	5.3	−1.6	20	15.0	30	64	56	69	62	13	28
Oktober	594.1	582.4	4	604.3	1	2.3	4.6	2.7	3.0	−5.6	5	13.0	1	71	66	73	70	22	1. 18
November	588.9	581.4	20	599.0	1	−3.5	−2.0	−3.0	−3.1	−12.7	21	6.6	2	86	77	87	83	18	22
Dezember	588.1	580.0	23	597.5	11	−7.7	−6.5	−8.3	−7.6	−17.2	22	0.6	12	74	69	80	74	21	18
Jahr	592.7	577.8	III	605.8	VII	0.2	3.2	0.1	0.9	−17.4	I	22.2	VII	69	56	74	66	11	VI

Splügen (Dorf).

$\lambda = 9^\circ 19'$, $\beta = 46^\circ 33'$, $H_b = 1466.8^{m}$†), $G = -0.10\ ^{m}/_{m}$, $h_r = 0.8^{m}$

Januar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Februar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
März	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	640.6	630.3	4	647.2	10	6.5	11.7	5.5	7.3	−0.4	18	21.0	10	71	40	80	64	12	9
Juli	643.6	637.9	31	650.3	13	13.2	19.9	12.3	14.4	8.5	3	27.0	14	63	31	78	57	13	6
August	642.4	635.0	18	648.3	10	10.8	18.8	11.1	12.9	5.0	28	27.4	14	72	35	77	61	12	10
September	643.2	633.2	15	651.1	30	4.8	12.0	6.3	7.3	−2.5*	24	20.1	30	88	43	90	74	12	29
Oktober	637.6	627.7	4	649.7	1	4.1	8.6	5.1	5.7	−3.0	5	19.4	1	91	66	92	83	16	1
November	632.2	624.8	19	642.6	12	−0.7	3.2	−0.3	0.5	−11.4	22	14.0	1	88	68	86	81	30	1
Dezember	632.3	621.0	27	641.0	11	−5.4	−4.0	−6.0	−5.4	−14.1	25	2.4	10	84	84	92	87	49	4
Jahr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†) 8. Oktober Translokation. Neue Höhe ca. 1500 m.

St. Moritz.*)

$\lambda = 9^\circ 50'$, $\beta = 46^\circ 30'$, $H_b = 1840.3^{m}$, $G = -0.14\ ^{m}/_{m}$, $h_r = 2.7^{m}$

Januar	—	—	—	—	—	−11.6	−4.0	−12.1	−9.9	−21.4	22	2.2	8	91	89	88	89?	70?	2
Februar	—	—	—	—	—	−9.0	1.0	−9.1	−6.5	−19.6	21	8.2	2	88	87	87	87?	70?	10
März	—	—	—	—	—	−8.1	3.5	−7.6	−5.0	−14.4	17	6.6	26	78	71	81	77?	29	27
April	—	—	—	—	—	−1.8	4.8	−0.6	0.5	−6.0	4	8.9	22	83	64	86	78	30	22
Mai	—	—	—	—	—	2.2	10.0	2.8	4.4	−2.7	19	14.8	8	86	46	88	73	28	2. 3
Juni	—	—	—	—	—	4.0	10.2	4.4	5.7	−3.2	18	17.0	24	82	48	81	70	28	9
Juli	—	—	—	—	—	13.1	19.6	11.9	14.1	7.9	3	26.0	14	80	47	80	69	37	6. 8
August	—	—	—	—	—	10.2	17.8	10.7	12.3	2.7	29	25.3	14	80	54	76	70	35	6. 10
September	—	—	—	—	—	4.6	12.6	5.5	7.0	−1.5	19	18.2	30	94	63	87	81	41	27
Oktober	—	—	—	—	—	2.8	8.5	3.5	4.6	−5.4	4	17.3	1	90	70	88	83	39	17
November	—	—	—	—	—	−3.5	1.8	−2.3	−1.4	−14.6	11	11.6	1	91	66	90	82	30	9
Dezember	—	—	—	—	—	−8.2	−3.0	−8.4	−7.0	−15.7	22.31	4.0	17	86	72	87	82	50	7. 26 29
Jahr	—	—	—	—	—	−0.4	6.9	−0.1	1.6	−21.4	I	26.0	VII	86	65	85	78	28	V VI

Sils-Maria.

$\lambda = 9^\circ 46'$, $\beta = 46^\circ 26'$, $H_b = 1813.6^{m}$, $G = —\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	—	—	—	—	—	−10.7	−4.7	−9.2	−8.5	−20.0	19	1.4	31	81	58	79	73	36	24
Februar	—	—	—	—	—	−7.8	−1.0	−6.0	−5.2	−16.4	21	7.0	2	79	55	77	70	38	13
März	—	—	—	—	—	−7.7	0.6	−4.7	−4.1	−13.0	11	4.6	25.30	82	54	77	71	34	26
April	—	—	—	—	—	−1.5	3.8	−0.3	0.4	−6.2	4	8.8	23	83	60	89	78	38	1.3.30
Mai	—	—	—	—	—	4.0	8.5	4.4	5.3	−1.2	19	13.8	8	67	56	80	68	34	2. 18
Juni	—	—	—	—	—	5.3	9.8	5.4	6.5	−2.6	18	17.0	11	70	52	75	66	25	9
Juli	—	—	—	—	—	10.8	17.0	12.4	13.1	7.4	4	22.0	14	79	54	77	70	28	27
August	—	—	—	—	—	9.5	16.2	11.4	12.1	3.2	29	22.0	9	76	51	69	65	20	24
September	—	—	—	—	—	5.0	10.5	6.1	6.9	0.2	20.22	17.0	30	88	59	82	76	30	28.29
Oktober	—	—	—	—	—	2.9	7.0	3.5	4.2	−5.4	17	14.6	2	87	67	83	79	30	17
November	—	—	—	—	—	−3.1	1.1	−2.0	−1.8	−15.0	21	9.0	1	88	66	86	80	35	24
Dezember	—	—	—	—	—	−8.6	−4.4	−8.2	−7.4	−16.0	31	0.8	17	85	62	81	76	38	25
Jahr	—	—	—	—	—	−0.2	5.6	1.1	1.8	−20.0	I	22.0	VII VIII	80	58	80	73	20	VIII

*) **St. Moritz.** Die Station wurde am 7./9. August wegen Beobachterwechsel nach St. Moritz-Dorf transloziert. Neue Höhe des Barometergefässes: 1853.0 m.

Beobachter: **E. Albertini.**

Bernhardin.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.4	6.1	5.5	6.0	23	10*	16	11	7	11	—	—	13	7	10	74	0	0	1	6	0	0	0	12	Januar
5.8	6.1	5.0	5.6	20	6	18	11	5	11	—	—	9	3	5	50	0	0	0	15	1	0	0	18	Februar
5.5	5.8	4.4	5.2	35	11	2	8	6	8	—	—	12	7	8	38	0	0	0	30	3	0	1	21	März
7.1	7.6	8.5	7.7	337	86	21	17	16	17	—	—	21	0	15	28	0	0	0	44	0	0	0	18	April
6.6	6.7	7.8	7.0	442	67	28	17	16	11	1	2	15	2	13	17	0	0	1	46	3	0	0	26	Mai
6.5	6.0	6.0	6.2	70	20	4	14	10	7	—	1	5	3	6	65	0	0	0	10	0	0	0	15	Juni
3.9	4.7	5.5	4.7	128	59	31	9	7	—	2	3	6	5	4	28	0	0	0	29	0	0	0	36	Juli
4.5	4.8	4.1	4.5	280	187	31	10	9	—	—	3	12	8	4	43	0	0	0	32	0	0	0	18	August
5.5	5.9	5.4	5.6	243	96	23	15	13	5	—	2	12	3	8	40	0	0	0	34	4	0	0	12	September
7.1	6.6	5.9	6.5	664	144	13	17	15	5	—	1	14	4	12	34	0	0	0	45	0	0	0	14	Oktober
7.4	6.8	7.7	7.3	469	93	28	16	15	16	—	—	23	1	15	27	0	0	0	46	0	0	0	17	November
7.9	7.2	6.4	7.2	93	21	23	10	9	10	—	—	19	2	14	62	0	0	0	20	0	0	0	11	Dezember
6.2	6.2	6.0	6.1	2804	187	VIII	154	128	101	3	12	161	45	114	506	0	0	2	357	11	0	1	218	Jahr

Beobachter: Fr. **M. Lorez. U. Felix.**

Splügen (Dorf).

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.8	6.2	6.2	6.7	46	13	16	14	13	14	—	—	0	3	15	2	11	13	0	1	7	13	1	25	Januar
6.6	5.6	4.8	5.7	22	5	17	13	12	6	—	—	1	4	7	0	0	27	2	4	8	33	0	10	Februar
5.6	5.1	4.7	5.1	24	—	—	11	9	3	—	—	0	6	7	0	2	24	1	4	22	32	2	6	März
7.0	7.1	7.1	7.1	123	49	21	13	12	3	—	—	0	2	14	0	8	27	3	18	17	14	0	3	April
5.7	6.5	6.8	6.3	241	38	10	16	13	3	—	—	0	6	14	0	1	21	3	18	22	16	0	12	Mai
7.1	6.3	6.0	6.5	46	12	4	13	10	4	—	—	1	3	10	3	22	27	4	6	3	2	2	21	Juni
2.7	4.5	4.2	3.8	96	21	9	9	9	—	2	3	4	7	2	0	4	12	3	12	6	3	0	53	Juli
3.5	3.6	2.5	3.2	200	110	31	6	6	—	2	3	1	14	1	0	5	13	3	7	13	4	0	48	August
4.4	5.3	4.7	4.8	169	64	23	10	10	2	—	—	5	9	8	3	9	7	1	9	13	4	0	44	September
6.5	5.9	5.3	5.9	263	74	13	15	15	5	—	1	1	6	12	1	1	11	7	2	14	13	0	44	Oktober
6.6	4.9	5.4	5.6	200	41	28	13	13	11	—	—	1	4	9	1	0	7	4	1	5	23	0	49	November
7.3	6.6	5.2	6.4	135	21	26	15	15	15	—	—	0	5	13	0	1	15	12	0	2	7	0	56	Dezember
—	—	—	—	1565	110	VIII	148	137	66	4	7	14	69	112	10	84	204	43	82	132	164	5	371	Jahr

Beobachter: **Ch. Pfister. L. Soliva.**

St. Moritz.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.0	5.1	4.4	5.2	20	10	1	7	7	7	—	—	0	4	2	0	0	0	0	0	0	2	0	91	Januar
7.2	6.2	5.6	6.3	29	12	26	6	6	6	—	—	0	0	4	0	0	0	0	0	0	1	0	83	Februar
4.0	4.0	3.6	3.9	24	9	2	4	4	4	—	—	0	11	1	0	0	0	0	0	2	1	0	90	März
6.9	7.0	7.6	7.2	77	20	21	16	16	11	—	—	0	1	14	1	0	0	0	0	5	17	20	47	April
5.3	5.4	6.1	5.6	101	33	10	16	13	2	—	—	0	5	6	2	1	0	0	0	6	12	16	56	Mai
6.0	6.3	7.0	6.4	74	35	4	13	9	3	—	—	0	3	6	4	1	0	0	0	9	6	16	54	Juni
3.0	5.2	4.9	4.4	74	23	31	13	11	—	—	6	0	7	2	9	0	0	0	0	11	6	11	56	Juli
2.9	3.6	2.8	3.1	85	20	24	9	8	—	1	5	2	12	3	1	3	5	0	1	10	17	2	54	August
4.7	5.1	4.3	4.7	82	37	23	13	12	2	—	1	0	6	8	0	2	14	0	0	0	22	1	51	September
6.2	5.7	4.2	5.4	144	42	13	14	12	5	—	1	2	7	9	0	0	0	0	0	0	33	0	60	Oktober
5.1	5.7	6.1	5.6	113	21	29	16	14	14	—	—	0	2	6	0	2	1	0	0	0	28	0	59	November
6.0	5.8	5.2	5.7	103	21	26	16	14	16	—	—	0	8	10	3	4	9	0	1	1	12	2	61	Dezember
5.3	5.4	5.3	5.3	926	42	X	143	126	70	1	13	4	66	71	20	13	29	0	2	44	157	68	762	Jahr

Beobachter: Frau **U. Fluor.**

Sils-Maria.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.2	5.8	5.2	5.7	14	4	1	7	6	7	—	—	0	5	8	8	4	1	3	7	10	7	11	42	Januar
6.1	6.0	5.6	5.9	17	8	26	5	5	5	—	—	3	4	7	9	2	0	6	3	20	7	7	30	Februar
5.6	5.4	4.2	5.1	16	7	2	5	4	5	—	—	1	10	8	8	1	0	0	8	18	12	7	39	März
6.4	7.3	7.8	7.2	72	23	21	14	12	12	—	—	6	3	16	6	2	0	2	10	24	3	4	39	April
5.1	5.8	5.9	5.6	109	22	10	14	13	7	—	2	0	6	6	3	0	0	3	21	24	8	5	29	Mai
6.1	6.9	5.8	6.3	62	26	4	10	8	3	—	—	0	4	12	13	4	0	2	7	17	15	6	26	Juni
3.0	4.8	4.8	4.2	77	26	31	11	10	—	—	2	2	6	2	4	0	0	0	9	28	11	8	33	Juli
3.2	3.7	2.6	3.2	99	26	31	9	9	—	—	3	1	14	1	4	0	0	1	12	20	8	9	39	August
5.7	5.3	4.6	5.2	88	35	23	12	11	3	2	—	4	5	8	2	1	0	1	17	18	10	12	29	September
6.7	6.2	5.5	6.1	198	50*	13	15	14	6	—	1	2	6	13	3	1	0	4	10	22	6	9	38	Oktober
6.4	6.6	7.4	6.8	132	32	28	16	13	13	—	—	1	1	11	7	0	1	3	13	20	10	5	31	November
6.7	6.3	6.3	6.4	93	17	22	16	11	16	—	—	1	6	14	8	1	1	5	7	25	9	10	27	Dezember
5.6	5.8	5.5	5.6	977	50*	X	134	116	77	2	8	21	70	106	75	16	3	30	124	246	106	93	402	Jahr

Remüs.

$\lambda = 10°23'$, $\beta = 46°50'$, $H_b = 1237^m$, $G = -0.05$ $^m/_m$, $h_r = 1.2^m$

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	658.3	648.5	12.20	668.6	25	−7.2	−2.1	−6.5	−5.6	−15.4	19	3.2	9	76	60	80	72	40*	7
Februar	651.2	641.8	19	662.6	1	−3.0	3.3	−2.5	−1.2	−9.8	9	7.6	26	80	50	76	69	30	22.24
März	655.7	639.2*	3	664.0	24	−0.9	7.1	0.1	1.6	−5.2	2	13.4	28.30	71	40	73	61	26	19.27
April	651.2	641.8	14	663.4	30	3.9	11.3	3.7	5.7	−0.6	4	19.0	12	76	39	74	63	20	11
Mai	657.0	646.8	10	666.1	2	9.0	16.6	8.6	10.7	1.6	10	24.0	8	64	33	65	54	19	1
Juni	658.0	646.9	4	664.9	10	9.0	15.4	8.3	10.3	1.5	18	25.5	11	72	37	67	59	16	9
Juli	660.5*	653.5	31	667.3	13	15.7	23.9	15.5	17.6	7.5*	1	29.7	15	64	31	63	53	18	27
August	659.3	651.0	18	666.0	10	14.1	22.7	14.5	16.4	8.0	17	32.0	10	68	33	60	54	17	18
September	660.7	650.4	15	668.4	29	8.1	15.4	9.4	10.6	2.8	20	22.6	11	81	46	76	68	25	29
Oktober	657.1	644.2	4	666.2	1	5.2	12.6	6.1	7.5	−2.9	5	24.6	1	84	53	83	73	20	1
November	652.8	645.2*	19	663.6*	12	−0.3	4.9	0.1	1.2	−9.8	22	13.3	1	84	56	84	75	36	19
Dezember	653.3	642.1	23	661.7	16.17	−5.4	−1.6	−5.4	−4.5	−14.0	21	4.0*	10	80	68	85	78	40*	12.20
Jahr	656.3	639.2*	III	668.6	I	4.0	10.8	4.3	5.9	−15.4	I	32.0	VIII	75	46	74	65	16	VI

Buffalora (Ofenpass).

$\lambda = 10°16'$, $\beta = 46°38'$, $H =$ ca. 1977^m, $G = -$ $^m/_m$, $h_r = 1.5^m$

Januar	—	—	—	—	—	−13.5	−4.5	−12.8	−10.9	−26.2	22	0.4	31	97	67	96	87	24	28
Februar	—	—	—	—	—	−10.6	−0.4	−9.1	−7.3	−20.0	21	7.6	3	98	52	93	81	29	3
März	—	—	—	—	—	−10.0	1.7	−7.3	−5.7	−19.0	13	6.8	29.30	100	49	97	82	34	7
April	—	—	—	—	—	−2.3	4.5	−1.8	−0.4	−8.0	1	9.0	12	95	57	98	83	33	4
Mai	—	—	—	—	—	3.2	10.7	3.0	5.0	−4.0	10.11 22	17.6	6	85	45	88	73	28	6
Juni	—	—	—	—	—	4.4	9.6	2.8	4.9	−3.0	18	19.0	10.11	75	49	87	71	18	9
Juli	—	—	—	—	—	10.5	18.4	10.3	12.4	4.6	3	25.0	13	79	36	85	67	20	6
August	—	—	—	—	—	8.7	17.4	8.5	10.8	0.0	29	25.0	10.11	86	41	88	72	20	10.13
September	—	—	—	—	—	3.7	11.4	4.2	5.9	−2.4	25	17.0	9.13.30	99	55	98	84	23	26
Oktober	—	—	—	—	—	0.4	8.1	1.1	2.7	−9.0	5. 15	18.4	1	97	61	100	86	20	1
November	—	—	—	—	—	−5.6	1.3	−5.1	−3.6	−21.6	21	12.0	1	97	65	98	87	40	22
Dezember	—	—	—	—	—	−10.9	−5.2	−10.9	−9.5	−24.0	25	3.0	18	96	68	97	87	39	25
Jahr	—	—	—	—	—	−1.8	6.1	−1.4	0.4	−26.2	I	25.0	VII VIII	92	54	94	80	18	VI

Sta. Maria (im Münstertal).

$\lambda = 10°25'$, $\beta = 46°36'$, $H_b = 1411^m$, $G = -0.05$ $^m/_m$, $h_r = 1.5^m$

Januar	643.0	633.8	20	652.6	26	−4.6	−1.2	−4.4	−3.6	−13.3	19	5.1	31	54	44	55	51	23	28
Februar	636.8	627.6	19	647.8	1	−3.5	2.7	−2.2	−1.3	−8.6	21	6.5	2	61	42	55	53	24	20
März	641.4	625.3	3	649.6	26	−1.7	5.5	−0.6	0.7	−7.0	11	11.2	31	57	37	57	50	25	27.28
April	637.5	629.8	14	648.8	30	3.2	9.4	3.2	4.7	−1.6	2	14.7	12	63	41	70	58	25	3
Mai	643.5	634.6	10	651.7	2	7.7	14.9	8.5	9.9	1.3	19	22.3	9	66	37	63	55	21	2
Juni	643.9	634.6	4	650.1	9	8.3	14.3	8.3	9.8	1.2	18	22.9	11	63	40	63	55	21	9
Juli	647.0	641.3	31	653.7	13	13.7	21.4	15.0	16.3	9.2	8	27.0	15	61	39	63	54	22	27
August	645.9	638.1	18	651.7	10	13.1	20.7	13.8	15.4	5.9	29	27.7	8	63	40	60	54	22	6.9.13
September	647.0	637.2	15	654.5	30	8.2	14.4	9.5	10.4	1.4	25	19.4	8	71	48	69	63	22	8
Oktober	643.4	630.3	4	653.8	1	5.9	10.7	6.2	7.3	−2.0	4	18.6	11	70	54	72	65	23	11
November	639.0	630.5	19	650.2	12	−0.5	2.8	0.0	0.6	−10.0	21	10.9	1	76	61	77	71	26	15
Dezember	639.0	627.1	23	648.4	11.12	−4.6	−2.0	−4.6	−3.9	−12.3	22	4.3	18	62	52	61	58	29	29
Jahr	642.3	625.3	III	653.8	X	2.9	9.5	4.6	5.5	−13.3	I	27.7	VIII	64	45	57	55	21	V.VI

Platta-Medels.

$\lambda = 8°51'$, $\beta = 46°39'$, $H_b = 1378^m$, $G = -0.08$ $^m/_m$, $h_r = 1.2^m$

Januar	647.3	636.8	1	658.0	24	−6.5	−1.6	−6.5	−5.2	−16.0	19	7.0	25	84	61	90	78	19	3
Februar	640.0	632.1	19	653.1	1	−3.4	2.6	−2.6	−1.5	−10.8	14	9.0	3	84	44	82	70	28	3. 27
März	645.0	628.9	3	652.8	27	−2.3	4.6	−0.3	0.4	−9.8	13	10.0	25.26 30	77	46	72	65	24	26
April	641.0	631.4	21	652.4	30	2.1	7.8	2.7	3.8	−1.6	3. 15	14.0	30	80	55	81	72	27	10.30
Mai	646.8	637.5	10	655.2	2	6.4	12.8	7.3	8.4	−0.4	11	20.8	8	73	45	72	63	21	2
Juni	647.8	637.8	4	654.0	10	6.0	13.4	6.7	8.2	0.0	18	23.6	10	88	42	82	71	22	9
Juli	650.3	644.0	31	656.8	13	12.3	22.1	14.0	15.6	8.0	20	29.2	14	79	34	71	61	20	27.30
August	649.1	641.8	18	655.5	15	11.0	19.8	13.2	14.3	4.2	26	29.6	10	82	41	70	64	15	10
September	649.9	639.5	15	658.2	30	6.9	14.1	8.2	9.4	1.0	1	20.4	11	85	46	83	71	25	29
Oktober	646.4	635.0	4	657.0	1	5.9	10.9	6.3	7.4	−1.8	5	22.8	1	82	56	83	74	27	1
November	641.8	633.0	18	651.5	12	1.0	4.8	0.3	1.6	−8.6	20	15.6	1	71	51	80	67	25	20
Dezember	642.3	631.8	23	651.1	17	−4.7	−1.1	−5.2	−4.1	−14.2	25	6.6	12	87	64	90	80	35	11
Jahr	645.7	628.9	III	658.2	IX	3.1	9.2	3.7	4.9	−16.0	I	29.6	VIII	81	49	80	70	15	VIII

Beobachter: **O. Denoth-Andry.** **Remüs.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1923
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●* ≧10	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.2	4.7	4.7	4.9	50	25	16	*8	*5	*8	—	—	0	10	9	—	—	—	—	—	—	—	—	—	Januar
5.5	5.3	3.7	4.8	28	8	26	7	6	6	—	—	0	8	6	—	—	—	—	—	—	—	—	—	Februar
3.4	2.6	2.3	2.8	7	3	1	4	3	3	—	—	0	17	3	—	—	—	—	—	—	—	—	—	März
4.3	5.0	5.3	4.9	39	17	21	8	8	6	—	—	0	9	8	—	—	—	—	—	—	—	—	—	April
4.4	4.5	4.0	4.3	42	21	10	8	8	1	—	—	0	7	4	—	—	—	—	—	—	—	—	—	Mai
5.8	6.1	6.1	6.0	38	12	4	11	11	1	—	—	0	6	9	—	—	—	—	—	—	—	—	—	Juni
2.6	3.7	4.6	3.6	46	10	15	8	8	—	—	1	0	12	4	—	—	—	—	—	—	—	—	—	Juli
2.8	3.5	3.0	3.1	78	23*	31	9	8	—	—	1	0	16	4	—	—	—	—	—	—	—	—	—	August
4.7	4.9	5.5	5.0	82	23	1. 23	9	9	—	—	—	0	9	10	—	—	—	—	—	—	—	—	—	September
5.7	4.9	4.3	5.0	98	41	13	9	7	2	—	—	0	10	9	—	—	—	—	—	—	—	—	—	Oktober
6.2	5.4	5.1	5.6	52	18	7	8	7	3	—	—	0	6	10	—	—	—	—	—	—	—	—	—	November
6.3	6.1	6.3	6.2	155	25*	24	14	14	14	—	—	0	8	15	—	—	—	—	—	—	—	—	—	Dezember
4.7	4.7	4.6	4.7	715	41	X	103	94	44	—	2	0	118	91	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **O. Waldburger.** **Buffalora** (Ofenpass).

6.0	6.1	3.1	5.1	23	10	16	7	5	7	—	—	0	7	6	0	8	26	0	0	0	21	3	35	Januar
4.4	5.4	1.7	3.8	28	6	27	9	8	9	—	—	0	8	1	0	1	1	5	0	0	27	0	50	Februar
3.9	4.3	1.4	3.2	10	3	3	6	5	6	—	—	0	11	0	0	0	8	5	0	3	21	2	54	März
5.4	6.0	3.5	5.0	108	30	21	11	11	10	—	—	0	3	4	0	0	13	9	0	1	13	1	53	April
4.2	4.6	4.6	4.5	75	26	10	10	10	*5	—	—	0	6	3	0	0	8	14	0	1	10	4	56	Mai
5.7	5.7	4.1	5.2	67	21	4	12	11	4	1	1	0	5	6	0	0	5	2	2	2	34	4	41	Juni
2.5	4.1	4.0	3.5	37	16	31	11	8	—	—	—	0	10	1	1	0	3	2	0	0	20	1	66	Juli
3.5	3.7	3.4	3.5	89	18	22	10	10	—	—	1	0	13	4	1	0	4	4	0	2	24	1	57	August
4.7	5.2	4.2	4.7	92	23	23	13	12	3	—	—	0	9	5	0	0	10	0	0	3	14	0	63	September
5.2	5.6	4.1	5.0	145	47	13	10	10	5	—	—	0	6	6	0	0	5	0	0	2	13	0	73	Oktober
5.2	5.0	4.4	4.9	127	30	29	13	13	12	—	—	0	7	5	0	0	13	1	0	4	10	0	62	November
6.6	6.5	5.1	6.1	156	23	23	14	14	14	—	—	0	7	11	0	1	11	2	0	0	26	2	51	Dezember
4.8	5.2	3.6	4.5	957	47	X	126	117	75	1	2	0	92	52	2	10	107	44	2	18	233	18	661	Jahr

Beobachter: **S. Tuffli.** **Sta. Maria** (im Münstertal).

6.4	5.6	6.0	6.0	2	1	16	2	0	2	—	—	1	8	14	0	3	2	0	9	1	2	0	76	Januar
5.1	5.5	6.7	5.8	11	4	27	4	4	4	—	—	0	5	8	0	0	0	0	2	1	3	0	78	Februar
5.0	5.4	5.5	5.3	7	7	3	2	1	2	—	—	1	12	14	3	2	0	1	0	1	6	0	80	März
6.5	7.0	6.1	6.5	70	26	21	11	9	5	—	—	1	4	14	1	7	0	1	2	4	5	0	70	April
5.5	6.3	6.3	6.0	48	21	10	12	8	1	—	1	0	7	13	10	17	0	0	1	3	8	0	54	Mai
6.5	7.0	7.0	6.8	47	14	4	8	7	1	—	—	0	4	14	5	10	0	0	0	0	0	0	75	Juni
3.6	5.4	5.4	4.8	25	14	31	7	4	—	—	3	0	7	5	6	16	1	0	1	0	0	0	69	Juli
3.5	4.0	3.3	3.6	77	25	31	9	7	—	—	4	1	14	5	6	12	1	3	1	0	3	0	67	August
5.0	5.0	4.7	4.9	92	17	23	12	10	—	—	1	4	6	8	10	4	1	1	0	0	0	0	74	September
7.0	5.7	4.7	5.8	109	42	13	11	10	1	—	—	3	7	11	1	6	0	0	0	3	0	0	83	Oktober
5.8	6.9	6.9	6.5	76	17	7	14	12	5	—	—	2	5	12	1	0	0	0	1	0	0	0	88	November
6.1	5.5	5.5	5.7	51	7	26	10	10	10	—	—	3	10	14	2	0	0	1	1	2	6	0	81	Dezember
5.5	5.8	5.7	5.6	615	42	X	102	82	31	—	9	16	89	132	45	77	5	7	18	15	33	0	895	Jahr

Beobachter: **Ths. J. Berther.** **Platta-Medels.**

7.3	6.4	7.0	6.9	56	19	16	15	12	15	—	—	5	4	16	5	23	3	33	7	3	1	4	14	Januar
6.5	7.3	7.3	7.0	32	6	26	14	10	14	—	—	5	4	16	11	12	5	21	13	8	0	1	13	Februar
4.8	5.9	6.2	5.6	18	5	14	9	6	9	—	—	0	10	13	15	4	1	12	20	18	2	9	12	März
7.4	7.6	7.2	7.4	97	28	21	13	13	8	—	—	6	0	14	16	5	4	7	14	21	0	12	11	April
7.1	5.9	7.8	6.9	217	34	28	15	13	4	—	2	5	5	16	18	3	2	5	28	19	0	9	9	Mai
8.0	6.8	7.9	7.6	51	12	1	17	14	2	1	—	3	3	19	38	4	0	2	2	11	0	19	14	Juni
3.6	4.0	5.5	4.4	43	16	18	11	10	—	1	2	1	11	7	22	9	1	9	17	6	0	3	26	Juli
3.9	4.0	4.0	4.0	181	110	31	10	8	—	—	6	0	11	6	26	6	8	4	10	11	2	2	24	August
5.5	5.5	2.8	4.6	138	36	23	12	10	2	1	3	2	8	14	14	5	9	10	17	11	0	11	13	September
7.7	7.1	7.1	7.3	155	42	13	18	14	4	—	1	4	5	18	21	1	0	13	26	13	0	8	11	Oktober
8.2	6.6	8.9	7.9	163	50	7	15	12	9	—	—	2	2	18	14	3	1	9	14	22	1	21	5	November
9.2	7.4	7.2	7.9	191	31	23	18	15	17	—	—	4	0	18	8	16	3	28	7	16	0	7	8	Dezember
6.6	6.2	6.4	6.5	1342	110	VIII	167	137	84	3	14	37	63	175	208	91	37	153	175	159	6	106	160	Jahr

Davos-Platz.

$\lambda = 9°49'$, $\beta = 46°48'$, $H_b = 1560.7^m$, $G = -0.10\ ^m/_m$, $h_r = 9.5^m$

1923	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	632.1	622.2	1	642.5	24	−9.1	−3.8	−7.9	−7.2	−19.4	19	2.4	25	94	78	92	88	56	28
Februar	625.5	616.8	19	637.6	1	−5.2	0.8	−4.3	−3.2	−14.0	21	5.6	2	96	65	89	83	37	24
März	630.0	614.1	3	637.9	26	−5.0	3.2	−2.6	−1.7	−12.0	14	7.4	30	95	54	89	79	33	7
April	626.2	616.7	21	637.9	30	1.2	6.6	1.0	2.5	−2.6	9	13.1	12	89	55	91	78	27	4
Mai	632.1	622.3	10	640.5	1	8.1	12.3	5.3	7.7	−0.9	10.18	20.0	7	70	49	89	69	20	2
Juni	633.4	623.1	4	640.0	9. 10	6 6	10.2	5.3	6.8	−0.6	18	19.7	10	84	60	94	79	26	9
Juli	636.3	629.7	31	643.1	13	14.2	18.7	12.1	14.3	8.1	2	25.3	13	70	46	91	69	27	13
August	635.1	628.0	18	641.1	9	12.1	17.5	11.0	12.9	5.2	28	25.7	10	77	52	90	73	20	10
September	635.6	625.6	15	643.5	29.30	5.5	12.2	6.4	7.6	−0.3	24	17.8	30	95	57	95	82	29	29
Oktober	631.9	620.2	4	642.1	1	3.0	10.0	4.2	5.3	−4.2	5	19.0	1	94	60	93	83	29	1
November	627.1	620.2	20	637.6	12	−2.8	3.1	−1.7	−0.8	−12.6	22	14.0	1	97	65	94	85	36	1
Dezember	627.4	617.1	23	636.3	11	−7.3	−3.7	−6.8	−6.1	−17.0	25	1.9	9	95	82	94	90	48	9
Jahr	631.1	614.1	III	643.5	IX	1.8	7.3	1.8	3.2	−19.4	I	25.7	VIII	88	60	92	80	20	V VIII

Schatzalp (ob Davos).

$\lambda = 9°49'$, $\beta = 46°48'$, $H_b = 1868.3^m$, $G = —\ ^m/_m$, $h_r = 1.5^m$

Januar	—	—	—	—	—	−7.7	−3 9	−7.5	−6.7	−16.8	19	3.0	25	70	60	70	67	20	3
Februar	—	—	—	—	—	−4.4	−0.2	−4.5	−3.4	−9.9	21	2.7	26	71	53	66	63	27	24
März	—	—	—	—	—	−3.6	1.8	−3.9	−2.4	−9.2	13	6.4	25	67	42	67	59	22	7
April	—	—	—	—	—	0.2	4.6	−0.5	1.0	−4.4	15	10.6	12	71	49	74	65	24	11
Mai	—	—	—	—	—	5.6	10.7	4.4	6.3	−3.4	10	18.3	7	61	38	65	55	17	2
Juni	—	—	—	—	—	4.7	8.3	3.3	4.9	−2.8	17	18.0	10	80	54	78	71	18	9
Juli	—	—	—	—	—	11.1	17.4	10.8	12.5	4.0	4	25.2	14	73	46	67	62	27	15
August	—	—	—	—	—	10.0	16.5	10.1	11.7	3.0	24. 28	26.4	10	72	43	65	60	13	10
September	—	—	—	—	—	5.6	10.8	5.9	7.0	−0.9	19	17.2	13	75	49	66	63	22	29
Oktober	—	—	—	—	—	4.6	8.7	4.5	5.6	−4.4	5	18.8	1	65	52	65	61	19	1
November	—	—	—	—	—	−1.9	2.3	−1.9	−0.8	−11.2	22	13.6	1	68	50	70	63	25	29
Dezember	—	—	—	—	—	−6.8	−4.2	−7.2	−6.3	−16.4	21	4.1	12	73	66	73	71	27	9
Jahr	—	—	—	—	—	1.5	6.1	1.1	2.5	−16.8	I	26.4	VIII	70	50	69	63	13	VIII

Chur.

$\lambda = 9°32'$, $\beta = 46°51'$, $H_b = 609.9^m$, $G = 0.04\ ^m/_m$, $h_r = 1.7^m$

Januar	712.7	701.1	1	723.6	24	−2.7	0.4	−1.7	−1.4	−7.9	19	4.5	10	85	67	82	78	45	22
Februar	703.9	694.8	19	716.8	1	0.8	5.5	2.1	2.6	−2.5	7	10.1	25	85	61	78	75	26	24
März	708.5	690.3	3	716.9	27	2.6	10.3	4.6	5.5	−1.1	16	17.3	26	67	41	63	57	20	19
April	703.4	692.1	21	715.0	30	6.2	12.8	7.7	8.6	1.1	9	20.9	12	76	45	65	62	22	11
Mai	708.8	697.9	10	716.9	2	10.2	18.1	11.8	13.0	4.1	10	27.5	7	70	37	68	58	19	2
Juni	710.6	699.6	4	716.4	10	10.3	15.7	11.5	12.3	5.5	8	24.3	10	78	47	69	65	28	9
Juli	711.3	702.8	31	717.4	21	16.3	24.7	19.3	19.9	12.7	4. 20	31.9	14	80	47	69	65	29	27
August	710.4	702.7	18	715.5	10	14.7	22.9	17.5	18.2	9.1	26	34.3	10	79	49	73	67	23	10
September	712.3	700.4	15	720.4	30	10.0	18.0	12.5	13.2	3.9	24	23.9	10.	84	53	81	73	33	25
Oktober	708.4	697.3	24	718.5	1	8.7	14.7	10.2	11.0	1.3	14	23.1	25	86	60	83	76	38	25
November	704.9	696.0	28	713.6	12	3.3	8.6	4.1	5.1	−4.1	21	15.1	1	80	58	83	74	34	21
Dezember	707.3	695.2	23	717.8	14	−1.4	0.5	−1.0	−0.7	−8.3	25	9.8	9	87	81	89	86	36	9
Jahr	708.5	690.3	III	723.6	I	6.6	12.7	8 2	8.9	−8.3	XII	34.3	VIII	80	54	75	70	19	V

Arosa (Sanatorium).

$\lambda = 9°39'$, $\beta = 46°47'$, $H_b = 1854^m$, $G = -0.12\ ^m/_m$, $h_r = 1.6^m$

Januar	609.0	599.6	1	619.4	24	−7.5	−3.8	−6.6	−6.1	−17.2	19	3.0	25	66	59	63	63	17	3
Februar	602.9	594.4	19	614.9	1	−3.9	0.3	−3.1	−2.4	−10.2	21	6.0	3	70	54	57	60	22	24
März	607.3	591.9	3	615.4	25	−3.5	1.6	−2.7	−1.8	−10.0	13	6.2	23	62	50	65	59	26	19
April	603.8	594.7	21	615.4	30	0.0	4.8	0.5	1.5	−3.2	8.11.16	9.6	13	61	48	66	58	30	4. 11
Mai	609.8	600.6	10	618.0	1	5.5	9.1	5.3	6.3	−3.0	18	15.5	8	53	41	62	52	25	2
Juni	611.1	601.5	4	619.2	10	4.7	8.5	4.1	5.4	−1.6	17	17.7	10	72	51	76	66	19	9
Juli	614.6	608.5	31	621.4	13	12.5	16.5	11.3	12.9	7.3	2	23.1	15	67*	39	62	53	21	13
August	613.3	606.2	18	619.5	9	11.4	15.2	11.0	12.2	3.4	24	24.2	10	67*	42	61	54	15	10
September	613.5	603.7	15	621.1	29. 30	6.4	10.2	6.7	7.5	−0.5	24	16.2	30	66*	47	57	53	20	28
Oktober	609.7	598.1	4	618.7	1	4.9	8.3	4.7	5.7	−4.4	4. 5	17.9	1	59	50	61	57	20	1. 18
November	604.5	597.3	20	614.3	1	−1.5	1.3	−1.1	−0.6	−10.8	19	12.6	1	69	60	73	67	39	21
Dezember	604.4	595.6	28	613.2	12	−6.3	−4.0	−6.6	−5.9	−16.0	31	3.0	12	77	74	78	76	40	9
Jahr	608.8	591.9	III	621.4	VII	1.9	5.9	2.0	2.9	−17.2	I	24.2	VIII	67*	51	65	60	15	VIII

Beobachter: **Kurverein.**

Davos-Platz.

Bewölkung 7^{30}	13^{30}	21^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1923
6.5	6.2	6.6	6.4	60	13	31	14	11	14	—	—	0	4	12	0	17	1	2	0	1	0	1	71	Januar
7.1	6.3	6.3	6.6	64	26	1	14	11	14	—	—	0	3	10	0	10	2	3	0	2	0	0	67	Februar
4.3	4.9	4.3	4.5	13	5	3	7	5	7	—	—	0	10	9	0	27	2	2	0	7	0	0	55	März
6.3	6.9	5.7	6.3	57	12	14	12	10	8	—	—	0	3	11	0	28	3	6	4	3	0	2	44	April
4.5	5.6	5.3	5.1	81	34	10	15	13	7	—	—	2	6	3	0	22	1	7	4	18	0	0	41	Mai
7.4	7.5	7.7	7.5	85	16	16	19	16	8	—	1	0	3	16	0	43	5	3	1	2	0	0	36	Juni
3.2	5.1	5.9	4.7	74	15	18	12	12	—	—	5	0	6	5	0	24	0	5	2	7	0	0	55	Juli
3.1	4.3	3.8	3.7	106	28	24	10	8	—	1	2	0	13	5	1	22	1	4	0	4	0	0	61	August
4.7	5.9	5.2	5.3	90	39	3	9	7	5	1	1	0	6	9	0	20	0	1	0	7	0	0	62	September
6.0	6.3	5.6	6.0	89	23	13	14	9	7	—	1	0	6	10	0	9	1	1	0	13	0	1	68	Oktober
6.0	5.4	6.8	6.1	57	17	29	12	9	10	—	—	0	2	6	0	19	0	0	1	8	0	0	62	November
7.7	7.0	7.0	7.2	190	25	24	17	16	17	—	—	1	4	17	0	15	0	0	0	2	0	0	76	Dezember
5.7	5.9	5.9	5.8	966	39	IX	155	127	97	2	10	3	66	113	1	256	16	34	12	74	0	4	698	Jahr

Beobachter: **Sanatorium.**

Schatzalp (ob Davos).

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.6	7.0	6.5	7.0	64	15	16	12	12	12	—	—	1	6	16	—	—	—	—	—	—	—	—	—	Januar
7.6	7.2	7.5	7.4	69	23	1	11	9	11	—	—	0	2	15	—	—	—	—	—	—	—	—	—	Februar
4.7	5.4	4.1	4.7	9	4	3	5	5	5	—	—	0	12	10	—	—	—	—	—	—	—	—	—	März
6.8	6.9	6.7	6.8	60	16	14	11	8	10	—	—	1	4	15	—	—	—	—	—	—	—	—	—	April
5.1	5.8	5.5	5.5	71	30	10	11	10	5	—	—	0	6	6	—	—	—	—	—	—	—	—	—	Mai
8.2	8.0	8.2	8.1	106	18	4	20	18	9	1	1	3	2	20	—	—	—	—	—	—	—	—	—	Juni
3.5	5.3	5.7	4.8	77	17	18	13	11	—	1	5	0	8	5	—	—	—	—	—	—	—	—	—	Juli
3.4	4.2	3.9	3.8	124	42	24	11	10	—	1	1	1	12	5	—	—	—	—	—	—	—	—	—	August
4.6	5.5	5.1	5.1	77	31	23	10	9	6	—	1	2	8	10	—	—	—	—	—	—	—	—	—	September
6.5	6.5	5.8	6.3	92	24	4. 13	12	10	7	—	—	0	6	12	—	—	—	—	—	—	—	—	—	Oktober
6.7	5.8	7.1	6.5	57	18	7	8	8	8	—	—	1	3	8	—	—	—	—	—	—	—	—	—	November
7.7	7.3	6.9	7.3	208	31	26	17	16	17	—	—	0	5	19	—	—	—	—	—	—	—	—	—	Dezember
6.0	6.2	6.1	6.1	1014	42	VIII	141	126	90	3	8	9	74	141	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **J. Defila.**

Chur.

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
8.1	6.9	6.9	7.3	36	9	16	10	8	8	—	—	3	2	15	—	—	—	—	—	—	—	—	—	Januar
8.1	6.8	6.9	7.3	40	11	1	16	11	5	—	—	0	2	14	—	—	—	—	—	—	—	—	—	Februar
6.0	5.3	5.3	5.5	8	4	1	3	3	2	—	—	0	6	10	—	—	—	—	—	—	—	—	—	März
7.5	6.5	5.8	6.6	41	11	21	9	8	1	—	—	0	3	11	—	—	—	—	—	—	—	—	—	April
5.8	5.6	6.3	5.9	109	38	10	13	10	—	—	—	0	4	9	—	—	—	—	—	—	—	—	—	Mai
7.9	6.9	7.2	7.3	49	11	4	18	13	—	—	—	0	3	16	—	—	—	—	—	—	—	—	—	Juni
4.4	4.1	4.5	4.3	40	12	18	11	8	—	—	—	0	8	4	—	—	—	—	—	—	—	—	—	Juli
4.3	3.6	3.6	3.8	88	23	31	9	7	—	—	1	0	11	5	—	—	—	—	—	—	—	—	—	August
5.4	4.9	4.7	5.0	132	62	23	9	9	—	—	—	0	7	8	—	—	—	—	—	—	—	—	—	September
6.9	6.6	5.8	6.4	121	44	13	10	8	1	—	—	0	5	13	—	—	—	—	—	—	—	—	—	Oktober
6.9	6.3	7.2	6.8	81	28	28	9	7	1	—	—	0	1	9	—	—	—	—	—	—	—	—	—	November
9.1	8.5	8.2	8.6	176	25*	26	17	15	16	—	—	2	0	21	—	—	—	—	—	—	—	—	—	Dezember
6.7	5.9	6.0	6.2	921	62	IX	134	107	34	—	1	5	52	135	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **E. F. Hensler. H. Hermann.**

Arosa (Sanatorium).

7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1923
7.6	6.9	6.3	6.9	58	18	16	12	9	12	—	—	1	5	18	0	0	0	1	0	0	1	0	91	Januar
6.9	6.7	5.9	6.5	83	30	1	16	10	16	—	—	1	3	11	0	0	0	0	2	0	4	1	77	Februar
8.0	5.7	6.1	6.6	4	1	8. 4 11-14	7	0	7	—	—	1	7	13	0	0	1	0	2	2	3	0	85	März
6.2	7.0	6.1	6.4	109	16	14	15	11	15	—	—	5	3	11	0	0	8	3	4	4	2	0	69	April
5.4	6.2	5.7	5.8	134	53	10	15	12	7	—	2	5	5	5	1	1	2	2	7	22	6	1	51	Mai
8.1	7.9	7.7	7.9	112	22	16	21	18	10	—	—	8	2	20	2	0	2	5	0	4	0	0	77	Juni
4.2	5.9	5.5	5.2	94	17	18	12	10	—	1	3	3	2	6	0	5	0	4	2	2	3	5	72	Juli
4.2	4.8	4.4	4.5	130	37	31	9	9	—	1	4	8	8	7	2	6	3	3	1	6	1	0	71	August
5.7	6.3	5.7	5.9	138	63	23	10	10	6	—	—	4	3	9	1	4	1	2	7	3	1	0	71	September
7.0	6.8	5.5	6.4	140	59	13	13	10	8	—	1	5	5	13	1	2	0	1	1	7	4	1	76	Oktober
6.4	6.1	6.8	6.4	120	35	28	12	10	9	—	—	5	2	7	0	0	1	3	0	4	3	1	78	November
7.6	7.7	7.0	7.4	222	40	26	16	16	16	—	—	2	2	19	8	2	1	1	0	1	0	4	76	Dezember
6.4	6.5	6.1	6.3	1344	63	IX	158	125	106	2	10	48	47	139	15	20	19	25	26	55	28	13	894	Jahr

Seewis.

$\lambda = 9°38'$, $\beta = 46°59'$, $H_b = 953.8^m$, $h_r = 1.5^m$. Beobachter: **D. Popp.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* >1.0	*	▲	≋	≡	helle	trübe
Jan.	−4.5	−0.7	−4.3	−3.4	−12.0	19	2.0	27	81	72	82	78	55	14.22 24.29	8.5	7.2	6.6	7.4	92	16	16	17	17	17	—	—	4	2	20
Febr.	−1.1	3.7	−0.3	0.5	−6.4	21	7.0	8.24 25.26	80	62	77	73	25	24	8.6	6.9	7.3	7.6	89	28	1	17	12	16	—	—	3	0	17
März	0.2	7.6	1.4	2.7	−3.2	7	14.4	28	71	50	72	64	20	19	6.3	6.0	5.5	5.9	25	11	1	11	6	11	—	—	6	5	12
April	4.4	10.7	4.5	6.0	0.0	8.19	17.6	13	72	51	72	65	20	11	7.6	4.0	6.0	5.9	78	15	15	11	11	4	—	—	1	4	15
Mai	9.1	17.1	9.0	11.1	*1.6	18	25.0	5.7.8	70	44	74	63	16	2	5.4	6.1	3.8	5.1	94	15	10	14	11	1	—	1	1	6	5
Juni	9.2	14.7	8.1	10.0	3.0	18	23.0	10. 11	76	60	79	72	35	9	8.0	7.5	7.8	7.8	100	17	16	19	18	1	—	1	3	2	20
Juli	16.0	23.4	15.2	17.5	10.0	2. 3	31.0	12	68	49	72	63	30	10	4.1	4.5	4.9	4.5	75	21	17	11	11	—	—	3	0	9	6
Aug.	14.0	20.3	13.5	15.3	8.0	20	29.0	6.15	73	52	76	67	30	7.10	4.1	4.5	3.8	4.1	132	24	24	9	9	—	—	3	1	9	4
Sept.	9.0	15.9	8.8	10.6	4.0	24	22.0	10	79	57	80	72	35	13.14	5.6	5.5	5.3	5.5	126	56	23	10	8	1	—	—	4	5	10
Okt.	7.2	12.6	6.9	8.4	0.0	4.15 16	10.4	25	79	61	80	73	35	21.25 27	7.1	7.4	5.1	6.9	160	62	13	14	12	3	—	—	1	5	16
Nov.	1.4	6.7	1.4	2.7	−6.4	21	15.4	1	78	61	80	73	40	19	7.9	6.8	6.4	7.0	90	29	28	13	12	10	—	—	2	3	14
Dez.	−2.6	−0.4	−2.5	−2.0	−10.0	22	6.2	9	80*	70*	80*	77*	42	9	9.2	9.1	8.4	8.9	292	47	26	18	16	18	—	—	10	1	24
Jahr	5.2	11.0	5.1	6.6	−12.0	I	31.0	VII	76	57	77	70	16	V	6.9	6.3	6.0	6.4	1353	62	X	164	143	82	—	8	36	51	163

Schiers.

$\lambda = 9°41'$, $\beta = 46°58'$, $H_b = 670^m$, $h_r = 1.0^m$. Beobachter: **Gg. Tarnutzer.**

Jan.	−5.3	−1.7	−4.0	−3.9	−11.7	19	3.0	9	92	73	91	85	55	22	7.4	7.1	7.5	7.3	65	14	31	15	14	15	—	—	1	3	18
Febr.	−1.7	4.1	−0.2	0.5	−8.0	24	8.1	26	92	61	90	81	29	24	8.1	6.5	6.9	7.2	70	26	1	16	13	9	—	—	0	2	14
März	−0.3	8.1	2.3	3.1	−4.2	16	15.1	27	86	42	81	70	26	26	5.6	5.1	6.3	5.7	18	9	1	8	6	5	—	—	2	7	13
April	3.9	12.1	5.7	6.8	−0.2	9	19.1	12	85	45	76	69	22	11	6.7	6.0	6.1	6.3	58	9	15.19	12	9	2	—	—	1	4	12
Mai	7.6	16.8	10.0	11.1	2.8	12	25.3	7	81	38	74	64	15	2	5.5	5.9	5.8	5.7	88	21	10	13	11	—	—	1	0	4	7
Juni	8.6	14.5	10.1	10.8	2.6	8	22.7	10	85	51	81	72	28	30	7.5	7.3	7.5	7.4	64	11	4	19	16	—	—	3	2	4	16
Juli	13.8	23.1	17.1	17.8	9.9	4	*30.5	14	82	44	74	67	25	10	3.9	3.9	5.4	5.1	70	18	18	12	10	—	—	5	0	10	7
Aug.	11.9	21.2	15.2	15.9	7.2	26	32.6	10	85	47	79	70	18	10	3.7	3.2	4.0	3.6	99	24	15	10	10	—	—	2	1	13	5
Sept.	7.4	16.7	10.4	11.2	2.4	25	22.5	12	92	50	88	77	28	13	5.2	5.1	5.3	5.2	134	51	23	9	8	—	—	—	1	9	9
Okt.	5.5	13.3	7.5	8.5	−2.2	18	22.4	25	93	58	89	80	32	25	6.7	6.6	6.3	6.5	143	56	13	13	12	3	—	—	8	7	15
Nov.	0.5	5.3	2.0	2.5	−7.5	22	14.1	1	88	63	86	79	30	23	7.3	5.2	7.7	6.7	84	30	28	12	12	3	—	—	3	3	11
Dez.	−3.2	−0.9	−2.5	−2.3	−12.3	25	4.3	9	87	79	87	84	52	9	8.9	8.5	9.0	8.8	209	40	26	15	15	15	—	—	6	0	25
Jahr	4.1	11.0	6.1	6.8	−12.3	XII	32.6	VIII	87	54	83	75	15	V	6.3	5.9	6.5	6.2	1102	56	X	154	136	50	—	11	25	66	152

Tschiertschen (ob Chur).

$\lambda = 9°36'$, $\beta = 46°49'$, $H_b = $ ca. 1230^m, $h_r = 1.2^m$. Beobachter: **Gg. Meister.**

Jan.	−6.7	−3.5	−6.6	−5.8	−16.1	19	1.5	25	—	—	—	—	—	—	7.8	6.7	5.7	6.7	69	21	16	14	13	14	—	—	1	3	13
Febr.	−2.4	1.7	−2.1	−1.2	−8.3	21	6.7	2	—	—	—	—	—	—	7.7	6.5	5.5	6.6	51	10	11	14	12	11	—	—	2	2	11
März	−1.3	4.0	−0.7	0.3	−7.3	13	9.9	28	—	—	—	—	—	—	4.9	5.4	4.6	5.0	18	9	1	8	7	8	—	—	0	12	8
April	2.5	5.9	2.3	3.5	−2.9	8	13.9	12	—	—	—	—	—	—	6.6	5.5	5.8	6.0	58	11	21	11	9	6	—	—	5	6	9
Mai	7.6	12.5	6.9	8.5	−0.5	10.18	20.9	7	—	—	—	—	—	—	4.5	5.5	5.2	5.1	113	44	10	13	11	5	—	—	1	6	5
Juni	6.0	10.7	6.1	7.2	0.3	19	20.1	10	—	—	—	—	—	—	7.8	7.0	7.2	7.3	76	12	4	19	17	1	—	—	0	3	17
Juli	14.1	19.7	13.8	15.4	9.1	1	27.5	14	—	—	—	—	—	—	2.4	2.5	4.4	3.1	57	14	17	10	10	—	—	1	0	13	3
Aug.	12.6	17.8	12.3	13.8	5.9	24	26.9	10	—	—	—	—	—	—	2.9	3.2	3.0	3.0	129	45	15	9	8	—	—	1	0	18	4
Sept.	8.1	13.0	8.6	9.6	1.9	19	19.5	13	—	—	—	—	—	—	3.9	4.3	4.6	4.3	128	64	23	8	8	1	—	—	1	9	6
Okt.	6.1	10.2	6.6	7.4	−2.4	4	18.7	1	—	—	—	—	—	—	6.4	6.1	6.1	6.2	130	53	13	11	8	6	—	—	1	7	13
Nov.	−0.1	3.5	0.0	0.9	−9.3	20	14.3	1	—	—	—	—	—	—	7.0	4.6	6.0	5.9	109	28	28	11	9	8	—	—	0	3	10
Dez.	−5.5	−3.3	−5.6	−5.0	−13.3	22	4.5	8	—	—	—	—	—	—	7.3	6.8	7.5	7.2	161	25	26	16	15	15	—	—	1	4	18
Jahr	3.4	7.7	3.5	4.5	−16.1	I	27.5	VII	—	—	—	—	—	—	5.8	5.3	5.5	5.5	1099	64	IX	144	127	75	—	2	12	86	117

Reichenau.

$\lambda = 8°48'$, $\beta = 46°49'$, $H_b = 604.3^m$, $h_r = 1.9^m$. Beobachter: **Bl. Mark.**

Jan.	−3.1	0.4	−2.4	−1.9	−9.3	19	4.4	9.10	—	—	—	—	—	—	—	—	—	—	40*	?	?	*8	*8	*8	—	—	0	—	—
Febr.	0.1	5.0	1.5	2.0	−3.2	24	9.0	3	—	—	—	—	—	—	—	—	—	—	40	12	1	12	10	5	—	—	0	—	—
März	2.1	9.8	4.0	5.0	−0.4	18	17.1	30	—	—	—	—	—	—	—	—	—	-	7	3*	1	3	3	2	—	—	0	—	—
April	5.6	12.8	6.7	8.0	1.0	9	19.3	11	—	—	—	—	—	—	—	—	—	—	49	11	16	9	8	—	—	—	0	—	—
Mai	10.5	18.1	10.7	12.5	4.2	12	28.1	7	—	—	—	—	—	—	—	—	—	—	113	36	10	14	12	—	—	3	0	—	—
Juni	10.4	16.0	10.2	11.7	5.0	7.18	25.0	10	—	—	—	—	—	—	—	—	—	—	59	14	4	18	15	—	—	—	0	—	—
Juli	16.6	24.5	17.1	18.8	12.3	3	33.3	14	—	—	—	—	—	—	—	—	—	—	51	14	18	11	11	—	—	1	0	—	—
Aug.	15.1	23.7	15.7	17.5	10.0	29	34.1	10	—	—	—	—	—	—	—	—	—	—	103	30	31	7	7	—	—	5	0	—	—
Sept.	10.0	17.4	11.0	12.4	4.2	24	24.2	13	—	—	—	—	—	—	—	—	—	—	133	64	23	8	7	—	—	—	0	—	—
Okt.	7.9	14.1	8.9	10.0	1.4	14	23.0	1	—	—	—	—	—	—	—	—	—	—	130	55	13	11	9	3	—	—	0	—	—
Nov.	3.1	7.5	3.7	4.5	−4.1	21	17.2	1	—	—	—	—	—	—	—	—	—	—	100	26	28	10	8	4	—	—	0	—	—
Dez.	−1.6	0.5	−1.1	−0.8	−8.0	22	8.2	9	—	—	—	—	—	—	—	—	—	—	180*	?	?	*15	*15	*14	—	—	0	—	—
Jahr	6.4	12.5	7.2	8.3	−9.3	I	34.1	VIII	—	—	—	—	—	—	—	—	—	—	1005*	64	IX	126	113	36	—	9	?	?	?

$\lambda = 9°26'$, $\beta = 46°55'$, $H_b = 950^m$, $h_r = 1.5^m$.

Vättis.

Beobachter: **F. W. Sprecher.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−4.7	−0.1	−4.0	−3.2	−12.7	19	4.4	9	87	72	86	82	46	14	7.4	6.3	7.4	7.0	84	17	16	15	15	15	—	—	0	3	15
Febr.	−0.6	6.0	−0.1	1.3	−7.8	21	10.4	4	82	56	78	72	26	24	7.9	6.4	5.8	6.7	77	16	1	15	13	12	—	—	0	3	13
März	0.2	9.6	1.4	3.1	−5.7	13	18.2	24	76	48	77	67	17	19	4.9	4.6	5.9	5.1	13	3	14	6	6	6	—	—	0	7	9
April	4.0	11.8	4.7	6.3	−0.9	9	17.5	12	76	53	75	68	31	22	6.6	6.4	5.5	6.2	48	10	21	11	10	7	—	—	1	4	11
Mai	9.2	17.0	8.6	10.9	1.0	13	26.2	8	71	46	74	64	23	2	4.6	4.9	6.2	5.2	109	29	10	16	14	3	—	1	0	5	4
Juni	8.5	14.8	7.7	9.7	2.6	18	24.0	11	80	60	82	74	37	8	7.6	6.8	7.2	7.2	95	14	16	20	16	—	—	—	0	2	15
Juli	14.4	24.3	14.6	17.0	9.4	4	32.6	12	76	48	76	67	27	10	3.6	4.0	5.0	4.2	76	25	17	12	12	—	1	1	0	11	4
Aug.	12.2	22.5	13.5	15.4	6.0	29	29.4	15	79	50	79	69	29	27	3.6	4.0	4.2	3.9	117	27	31	11	11	—	—	2	0	12	5
Sept.	8.1	16.8	9.6	11.0	2.4	24	25.0	30	80	57	80	72	27	13	4.7	5.1	4.6	4.8	134	59	23	10	7	1	—	—	0	6	7
Okt.	7.3	14.5	7.9	9.4	−2.3	18	19.8	12	81	61	80	74	42	21.28	6.4	5.7	5.8	6.0	121	59	13	13	13	3	—	—	0	6	10
Nov.	2.1	5.9	2.0	3.0	−8.0	21	13.4	28	74	58	73	68	36	12	6.5	5.4	7.0	6.3	106	28	7	11	11	7	—	—	0	2	8
Dez.	−2.5	0.7	−2.6	−1.7	−11.8	25	9.8	9	85	77	87	83	29	9	9.2	7.9	8.5	8.5	234	44	26	19	18	19	—	—	5	1	22
Jahr	4.8	12.0	5.3	6.8	−12.7	I	32.6	VII	79	57	79	72	17	III	6.1	5.6	6.1	5.9	1214	59	IX.X	159	146	73	1	4	6	62	123

$\lambda = 9°29'$, $\beta = 47°23'$, $H_b = 1152^m$, $h_r = 1.6^m$.

Schwäbrig (bei Gais).

Beobachter: **V. Lori.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−4.1	−2.8	−4.0	−3.7	−11.2	19	3.7	3	92	93	93	93	26	3	8.9	8.0	8.6	8.5	151	22	20	20	17	20	—	—	13	1	22
Febr.	−0.7	1.2	−0.4	−0.1	−5.5	14	6.7	8	86	81	84	84	45	8.24	8.5	7.9	8.1	8.2	113	23	18	17	16	15	—	—	9	0	18
März	0.1	2.6	0.4	0.9	−4.9	12.13	10.2	26	87	81	90	86	48	23.24	7.0	7.4	5.4	6.6	57	15	28	14	13	11	—	—	12	6	14
April	3.0	5.8	3.3	3.9	−3.4	9	15.3	14	81	74	78	78	46	26	6.9	6.8	5.3	6.3	106	22	14	10	10	9	—	—	9	5	12
Mai	7.9	11.6	7.6	8.7	−0.9	18	21.9	7	78	67	80	75	44	2	6.1	6.2	5.7	6.0	100	21	14	17	15	7	2	1	2	6	12
Juni	7.0	9.5	6.6	7.4	0.0	17.18	18.9	10	85	74	83	81	46	30	7.6	7.9	7.0	7.5	217	48	25	19	18	6	1	2	8	4	18
Juli	15.3	18.7	14.4	15.7	9.6	27.29	26.5	14	71	65	72	69	46	14	4.2	4.4	4.1	4.2	114	26	18	11	10	—	—	1	4	12	8
Aug.	13.7	16.8	13.6	14.4	6.2	28	26.4	10	70	67	69	69	40	2	4.0	4.4	4.5	4.3	136	40	15	11	10	—	—	2	2	11	7
Sept.	9.9	13.1	10.0	10.8	1.8	20	19.4	13	74	68	74	72	39	14	5.6	5.3	4.7	5.2	90	17	1	10	9	—	—	1	4	7	10
Okt.	7.8	10.1	8.4	8.7	−0.4	4	18.7	1	76	74	76	75	37	18	6.9	7.4	6.3	6.9	156	37	13	15	13	4	1	1	2	4	17
Nov.	1.4	2.9	1.1	1.6	−6.0	23	14.0	1	80	78	84	81	44	12	7.0	6.6	7.4	7.0	120	25	7	18	15	14	—	—	5	3	13
Dez.	−4.0	−3.2	−4.0	−3.8	−11.4	31	3.4	9	96	94	94	95	42	9	8.9	8.3	9.0	8.7	225	35	28	20	19	20	—	—	11	0	21
Jahr	4.8	7.4	4.7	5.4	−11.4	XII	26.5	VII	81	76	81	80	26	I	6.8	6.7	6.3	6.6	1585	48	VI	182	165	106	4	8	81	59	172

$\lambda = 9°8'$, $\beta = 47°16'$, $H = 649^m$, $h_r = 1.9^m$.

Ebnat.

Beobachter: Frl. **M. Kuratle.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−2.9	0.3	−2.1	−1.7	−15.4	24	4.6	31	90	78	88	85	54	14	7.0	7.5	7.0	7.2	84	15	31	14	11	12	—	—	1	1	16
Febr.	0.3	4.7	1.7	2.1	−5.4	21	9.2	26	90	70	86	82	44	25	8.0	7.2	7.6	7.6	120	31	1	17	12	7	—	—	2	1	14
März	0.5	7.3	2.7	3.3	−5.2	13	15.2	27	92	62	88	81	38	28	7.2	6.5	6.1	6.6	76	14	2	12	10	9	—	—	1	2	11
April	2.8	10.6	5.4	6.0	−2.0	3	21.0	12	90	60	86	79	36	12	6.6	6.0	6.0	6.2	103	26	16	15	12	3	—	—	0	3	12
Mai	8.1	15.9	10.4	11.2	2.6	11	24.6	7.8	82	50	82	71	26	2	5.5	5.2	6.1	5.6	136	22	14	16	15	—	—	2	0	4	7
Juni	8.8	13.6	10.2	10.7	3.2	18	21.8	25	85	56	82	74	39	1	7.3	7.4	7.2	7.3	249	37	25	21	21	—	—	2	0	2	14
Juli	14.9	22.9	17.2	18.0	10.0	27	30.8	14	77	50	79	69	32	14	4.4	4.2	5.0	4.5	162	48	17	13	12	—	—	2	0	6	3
Aug.	12.4	21.1	14.9	15.8	6.6	29	30.8	10	82	50	84	72	26	10	4.2	4.4	4.3	4.3	168	43	15	11	10	—	—	3	0	10	3
Sept.	9.1	17.2	11.5	12.3	3.2	25	24.2	13	87	52	85	75	27	14	4.9	4.9	5.1	5.0	116	32	20	14	11	—	—	—	1	7	8
Okt.	7.7	13.5	8.9	9.8	−1.8	18	22.8	1	87	60	87	78	30	28	6.5	6.4	5.8	6.2	150	30	3	16	13	—	—	—	0	4	10
Nov.	0.3	5.1	1.5	2.1	−8.6	22	15.4	2	90	68	89	82	44	19.21	7.2	6.8	8.9	7.6	154	36	7	18	15	7	—	—	2	1	9
Dez.	−1.7	0.2	−1.7	−1.2	−11.8	31	5.2	17	86	78	87	84	58	4	8.2	7.6	8.0	7.9	247	55	26	18	15	13	—	—	0	0	19
Jahr	5.0	11.1	6.7	7.4	−15.4	I	30.8	VII VIII	87	61	85	78	26	V VIII	6.4	6.2	6.4	6.3	1765	55	XII	175	157	51	—	9	7	41	126

$\lambda = 9°30'$, $\beta = 47°29'$, $H = 455^m$, $h_r = 1.4^m$.

Rorschach (Mariaberg).

Beobachter: Frl. **E. Grob.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−0.1	2.1	0.7	0.9	−6.7	19	6.8	10	92	79	84	85	62	10	9.6	8.1	8.1	8.6	66	14	8	14	12	*10	—	—	3	0	23
Febr.	2.6	5.2	3.7	3.8	−0.8	8	9.9	26	91	79	85	85	48	27	9.0	7.4	7.8	8.1	73	20	1	18	16	—	—	—	5	0	19
März	3.5	7.6	5.4	5.5	0.3	12	14.2	26	92	64	79	78	47	3	7.4	5.5	6.1	6.3	25	4	2	11	8	2	—	—	3	5	11
April	5.8	10.7	7.9	8.1	1.2	8	18.2	12	88	63	74	75	37	6	6.6	5.1	4.7	5.5	87	17	27	12	11	—	—	—	1	10	12
Mai	11.2	15.6	12.1	12.7	4.3	12	23.6	6	80	55	72	69	40	11.20	5.5	4.5	5.3	5.1	85	21	14	14	12	—	—	—	0	8	8
Juni	11.4	14.9	11.4	12.2	5.7	18	22.3	11	81	60	77	73	39	28	7.8	6.7	7.0	7.2	174	28	25	18	18	—	—	2	1	4	16
Juli	17.7	23.3	18.6	19.6	13.7	1	29.1	14	77	51	69	65	37	1	3.8	3.1	5.0	4.0	66	19	17	8	8	—	—	—	0	14	7
Aug.	16.0	21.1	17.7	18.1	11.4	26	27.0	10	78	55	67	67	39	18	4.1	3.0	4.1	3.7	60	14	31	10	10	—	—	2	0	14	6
Sept.	12.0	16.9	14.1	14.3	8.1	2	22.4	13	87	59	73	73	35	10	5.8	3.9	4.4	4.7	75	16	1	9	6	—	—	—	0	11	10
Okt.	10.4	13.5	11.4	11.7	2.9	16	21.2	25.28	90	73	82	82	38	28	8.1	6.6	6.9	7.2	103	31	13	14	14	—	—	1	5	4	16
Nov.	3.1	5.7	4.1	4.3	−3.5	22	13.4	17	91	79	86	85	47	19	8.4	7.7	7.5	7.9	138	36	7	16	15	3	—	—	8	3	20
Dez.	0.4	1.8	0.4	0.7	−9.6	31	8.6	28	89	79	86	85	52	25	10.0	9.2	9.0	9.4	115	22	28	18	16	12	—	—	6	0	27
Jahr	7.8	11.5	9.0	9.3	−9.6	XII	29.1	VII	86	66	78	77	35	IX	7.2	5.9	6.3	6.5	1067	36	XI	162	146	27	—	5	32	73	175

$\lambda = 8°59'$, $\beta = 46°54'$, $H_b = 821^m$, $h_r = 1.5^m$.

Auen (Linthal).

Beobachter: **L. Curt.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●≧1.0	✳	▲	K	≡	helle	trübe
Jan.	-3.5	-0.8	-2.7	-2.4	-11.0	19	3.5	9	86	76	84	82	45	3	6.6	6.6	6.6	6.6	96	17	20	18	16	18	—	—	8	4	15
Febr.	-0.1	4.3	1.0	1.5	-5.1	21	6.4	2	83	61	72	72	32	24	7.4	7.2	6.9	7.2	127	25	17	18	15	15	—	—	6	4	16
März	1.1	6.7	2.5	3.2	-2.4	13	12.2	25	74	48	73	65	25	26	5.9	5.3	6.4	5.9	27	4	4	12	10	11	—	—	8	7	12
April	4.2	9.8	5.9	6.4	0.0	8	17.5	11	79	52	67	66	18	11	6.4	6.8	5.9	6.4	117	35	16	13	12	4	—	—	4	6	15
Mai	9.1	15.1	9.3	10.7	0.4	12	24.2	7	79	46	70	65	20	2	5.1	6.0	6.9	6.0	149	21	10	16	15	3	—	2	0	4	9
Juni	8.7	13.1	8.9	9.9	0.6	18	20.3	10. 24	91	63	80	78	27	9	7.5	7.7	7.9	7.7	147	14	4	21	20	2	—	2	0	4	19
Juli	16.4	21.7	16.5	17.8	11.0	3	28.2	14	68	47	65	60	27	10	4.1	4.6	4.5	4.4	114	22	17	14	14	—	—	3	1	12	7
Aug.	13.4	19.9	14.9	15.7	7.4	26	28.6	10	73	52	70	65	21	10	4.1	3.9	5.2	4.4	199	55	15	11	10	—	1	5	3	11	7
Sept.	9.5	15.7	11.6	12.1	4.6	2	22.3	17	77	58	72	69	20	17	4.3	5.3	5.0	4.9	106	26	22	14	11	—	—	1	2	9	7
Okt.	8.3	12.3	9.3	9.8	0.5	4	20.8	1	78	67	75	73	26	21	6.9	6.4	5.8	6.4	143	32	3	15	14	2	—	—	2	4	12
Nov.	1.3	4.8	2.0	2.5	-5.0	22	13.5	2	82	71	82	78	24	28	6.2	6.1	6.5	6.3	121	36	7	13	13	6	—	—	8	3	11
Dez.	-2.5	-0.7	-2.4	-2.0	-9.8	31	5.4	9	92	88	91	90	45	9	9.0	8.1	9.0	8.7	381	66	26	18	18	18	—	—	21	1	23
Jahr	5.5	10.2	6.4	7.1	-11.0	I	28.6	VIII	80	61	75	72	18	IV	6.1	6.2	6.4	6.2	1727	66	XII	183	168	79	1	13	63	69	153

$\lambda = 9°0'$, $\beta = 46°56'$, $H_b = 1189.5^m$, $h_r = 1.5^m$.

Braunwald (ob Linthal).

Beobachter: **Sanatorium.**

Jan.	-4.4	-1.0	-4.0	-3.4	-13.0	19	2.6	3	74	68	77	73	23	3	6.9	6.8	7.5	7.1	126	34	16	16	16	16	—	—	5	6	17
Febr.	-0.9	3.6	-0.1	0.6	-6.6	21	7.6	8	77	60	73	70	20	24	7.3	7.1	6.0	6.8	165	45	1	16	16	15	—	—	4	4	13
März	0.2	5.3	1.0	1.9	-4.6	13. 15	10.8	27. 28	71	55	76	67	27	27	5.6	5.7	5.0	5.4	55	9	1	11	11	10	—	—	8	8	10
April	3.6	8.0	3.8	4.8	-1.2	8. 9	15.4	14	74	56	74	68	20	11	6.4	6.9	5.1	6.1	116	27	16	11	11	5	—	—	6	4	13
Mai	8.7	13.0	8.1	9.5	0.8	12	20.2	8	69	51	75	65	22	2	5.3	6.4	6.8	6.2	143	25	24	16	15	4	—	—	5	5	12
Juni	8.4	11.5	7.1	8.6	0.8	17	*19.2	3	81	68	87	79	32	9	7.5	7.4	8.0	7.6	159	19	13	20	20	4	—	—	6	3	19
Juli	15.9	19.5	14.9	16.3	9.8	3	26.2	14	68	57	74	66	32	10	3.7	4.9	5.6	4.7	148	26	15. 17	12	12	—	—	2	4	9	6
Aug.	14.9	17.5	13.3	14.5	8.2	19	25.2	10	69	62	78	70	30	10	3.7	4.2	4.2	4.0	201	42	18	10	10	—	—	2	6	12	6
Sept.	9.4	13.6	10.0	10.7	3.9	19	*19.2	13	73	63	76	71	25	17	4.2	5.4	4.3	4.6	141	42	20	12	11	—	—	—	7	10	7
Okt.	7.5	10.6	8.0	8.5	-1.2	5	17.8	25	73	69	75	72	25	13	6.4	6.7	7.7	6.9	177	38	3	15	15	3	—	—	8	5	17
Nov.	1.2	4.6	1.1	2.0	-6.0	22	14.0	28	73	65	76	71	25	28	7.2	6.1	7.4	6.9	139	33	7	14	14	9	—	—	8	4	12
Dez.	-3.3	-1.0	-3.0	-2.6	-9.3	21. 22	5.8	10	85	81	88	85	33	9	9.2	8.2	8.7	8.7	480	70	26	18	18	18	—	—	23	0	23
Jahr	5.0	8.9	5.0	6.0	-13.0	I	26.2	VII	74	63	77	72	20	II. IV	6.1	6.3	6.4	6.3	2050	70	XII	171	169	84	—	14	90	70	155

$\lambda = 8°35'$, $\beta = 46°38'$, $H_b = 1442^m$, $h_r = 0.8^m$.

Andermatt.*)

Beobachter: **P. S. Elsener.**

Jan.	-8.9	-5.0	-7.9	-7.5	-19.2	19	2.0	31	—	—	—	—	—	—	6.0	6.3	7.0	6.4	110	28	16	18	17	18	—	—	1	8	13
Febr.	-4.1	0.9	-3.4	-2.4	-12.4	7	5.8	2.26	—	—	—	—	—	—	6.5	7.0	6.8	6.8	84	19	1	18	15	17	—	—	0	3	13
März	-4.3	3.2	-1.6	-1.1	-15.0	14	8.7	25	—	—	—	—	—	—	5.4	4.7	6.6	5.6	21	4	3	10	7	9	—	—	0	9	12
April	1.0	5.3	1.8	2.4	-5.0	10	10.0	11. 30	—	—	—	—	—	—	6.6	6.6	7.6	6.9	118	29	21	15	14	10	—	—	3	4	15
Mai	6.0	10.9	5.9	7.2	-2.2	11	19.8	8	—	—	—	—	—	—	5.4	5.4	7.2	6.0	220	48	29	15	14	7	—	2	0	6	11
Juni	4.9	9.7	6.0	6.4	-1.3	18	17.3	25	—	—	—	—	—	—	7.0	6.7	7.3	7.0	83	10	4	21	18	6	—	—	5	4	14
Juli	11.8	17.8	13.6	13.9	7.5	1	25.6	14	—	—	—	—	—	—	3.0	4.1	5.5	4.2	50	11	18	10	10	—	—	1	2	8	5
Aug.	10.2	17.2	12.3	12.8	2.4	26	28.2	10	—	—	—	—	—	—	3.5	3.8	5.0	4.1	141	64	31	12	10	—	1	2	1	12	6
Sept.	5.3	11.9	7.7	8.0	0.8	2	19.0	13	—	—	—	—	—	—	4.7	5.3	5.6	5.2	112	21	23	13	13	1	—	—	2	8	8
Okt.	4.7	9.6	6.1	6.6	-1.8	18	18.8	1	—	—	—	—	—	—	7.5	7.0	6.8	7.1	154	29	3	20	20	6	—	—	0	5	18
Nov.	-0.5	2.6	0.1	0.5	-11.6	22	13.8	1	—	—	—	—	—	—	7.8	6.4	7.8	7.3	141	43	7	14	14	12	—	—	3	2	13
Dez.	-4.6	-2.9	-4.8	-4.2	-12.0	25	5.8	12	—	—	—	—	—	—	8.8	7.8	8.7	8.5	303	39	22	18	18	18	—	—	3	2	23
Jahr	1.6	6.8	3.0	3.5	-19.2	I	28.2	VIII	—	—	—	—	—	—	6.0	5.9	6.8	6.3	1537	64	VIII	184	170	104	1	5	20	71	151

*) **Andermatt.** Die Abendbeobachtung geschieht um 20^{30}.

$\lambda = 8°26'$, $\beta = 47°2'$, $H_b = 450^m$, $h_r = 1.9^m$.

Weggis.

Beobachter: Frau **S. Naef.**

Jan.	-0.3	1.8	0.2	0.5	-5.8	22	6.6	10	85	75	85	82	56	14. 15	8.5	7.9	7.8	8.1	81	17	8	17	15	9	—	—	0	1	20
Febr.	2.4	5.5	3.4	3.7	-0.4	24	9.0	28	88	70	82	80	43	28	8.1	7.2	6.7	7.3	61	13	18	15	11	3	—	—	1	0	13
März	3.5	8.0	5.1	5.4	0.4	11. 19	15.0	28	88	59	80	75	38	27	7.6	7.0	6.5	7.0	46	10	9	12	8	3	—	1	1	5	17
April	6.9	11.9	7.9	8.7	2.5	9	19.0	12	78	53	78	70	30	6	6.7	6.4	5.4	6.2	97	24	16	13	9	—	—	—	0	3	11
Mai	10.7	15.7	11.9	12.6	4.4	12	21.9	8	80	55	74	70	39	21	4.5	5.4	5.5	5.1	154	24	29	15	14	—	—	1	0	7	8
Juni	11.4	15.6	11.8	12.6	6.4	18	21.9	10	80	57	83	73	37	27	7.7	6.7	6.7	7.0	210	50	25	20	18	—	—	2	0	4	16
Juli	17.3	23.4	19.0	19.7	14.0	28	27.0	14	80	53	75	69	34	1	3.8	3.6	5.8	4.4	105	31	17	11	9	—	—	3	0	10	4
Aug.	15.7	20.9	17.2	17.7	10.9	19	26.7	15	80	59	75	71	40	18	4.0	3.9	3.6	3.8	138	71	15	10	10	—	—	1	0	14	4
Sept.	12.4	16.7	13.2	13.9	8.5	20	20.5	10. 12	86	61	85	77	45	24	6.0	4.2	3.9	4.7	72	17	23	11	8	—	1	2	0	7	4
Okt.	10.0	13.5	10.6	11.2	5.0	15	21.2	25	90	67	89	82	41	17	7.4	6.6	6.4	6.8	108	21	5	14	13	—	—	1	2	4	15
Nov.	3.5	6.0	4.3	4.5	-2.4	23	14.0	16	87	72	85	81	34	19	7.5	7.1	8.4	7.7	135	33	7	17	17	4	—	—	1	1	15
Dez.	0.8	2.5	1.1	1.4	-6.0	31	8.1	23	81	73	83	79	49	25	9.1	8.7	9.4	9.1	98	22	27	18	16	8	—	—	0	1	27
Jahr	7.9	11.8	8.8	9.3	-6.0	XII	27.0	VII	84	63	81	76	30	IV	6.7	6.2	6.3	6.4	1305	71	VIII	173	148	27	1	11	5	57	154

Gurtnellen.

$\lambda = 8°37', \beta = 46°44', H_b = 742^m, h_r = 1.5^m$. Beobachter: **J. Strickler.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mittl.	Summe	Maximum	Tag	● *	●* ≥1.0	✶	▲	K	≡	helle	trübe
Jan.	−3.0	−0.2	−1.9	−1.8	−9.0	19.22	4.0	3	88	86	93	89	53	14	6.9	7.0	7.2	7.0	65	12	20	12	11	12	—	—	0	3	15
Febr.	0.6	3.9	1.2	1.7	−4.5	21	9.4	26	89	80	86	85	31	8	6.9	7.1	5.4	6.5	84	17	17	14	12	8	—	—	3	2	9
März	3.1	7.7	4.6	5.0	−3.5	13	16.8	27	77	62	78	73	26	27	5.2	4.7	5.1	5.0	19	6	14	11	10	9	—	—	0	10	9
April	6.7	10.8	7.6	8.2	2.0	3. 9	18.2	22	80	62	77	73	30	11.22	6.3	6.2	6.1	6.2	79	10*	10	12	11	2	—	—	2	6	12
Mai	9.5	15.7	11.4	12.0	3.0	18	26.3	5	83	61	79	74	29	5	5.6	5.1	7.1	5.9	141	27	29	16	16	3	—	—	0	5	10
Juni	10.2	14.1	10.8	11.5	4.2	18	22.5	10	86	69	88	81	41	30	6.9	6.8	7.6	7.1	58	6	4	19	16	—	—	—	0	5	13
Juli	17.1	22.5	18.1	19.0	11.0	29	30.5	14	73	60	78	70	30	4	3.3	4.4	5.5	4.4	56	12	18	12	8	—	—	—	1	7	4
Aug.	15.4	21.2	17.1	17.7	9.0	26	30.0	9	80	57	79	72	31	10	3.8	4.0	3.8	3.9	125	49	31	10	10	—	—	—	2	0	13	4
Sept.	11.9	15.9	12.8	13.3	7.9	19	21.2	12	83	68	82	78	31	28	4.4	4.9	5.0	4.8	79	18	20.23	10	10	—	—	—	0	9	9
Okt.	10.5	13.3	10.5	11.2	3.0	16.18	21.2	25	85	72	84	80	40	25	7.0	6.2	6.2	6.5	98	23	13	11	9	2	—	—	2	6	15
Nov.	4.2	7.8	4.1	5.0	−3.0	22	18.1	3	85	75	85	82	35	23	6.1	6.3	6.7	6.4	122	37	7	14	14	6	—	—	4	6	12
Dez.	−0.3	1.2	0.1	0.3	−6.0	31	9.5	9	88	85	89	87	32	8	8.9	8.5	8.9	8.8	208	31	22	17	16	16	—	—	2	0	23
Jahr	7.2	11.2	8.0	8.6	−9.0	I	30.5	VII	83	70	83	79	26	III	5.9	5.9	6.2	6.0	1134	49	VIII	158	143	58	—	2	14	72	135

Lungern.

$\lambda = 8°10', \beta = 46°48', H = 726^m, h_r = 1.5^m$. Beobachter: **P. Renggli.**

Jan.	−2.3	0.4	−1.8	−1.4	−10.4	19	5.6	9.10	88	79	92	86	50	3	7.5	7.5	7.8	7.6	99	17	20	19	19	16	—	—	5	3	18
Febr.	0.5	4.9	1.7	2.2	−3.2	4.21	9.4	27	91	69	86	82	35	21	7.9	7.8	7.2	7.6	117	17	26	13	13	7	—	—	5	1	14
März	2.0	7.4	3.1	3.9	−2.2	17.19/20	14.8	27	91	63	88	81	30	23	7.5	7.1	7.6	7.4	48	14	28	11	8	7	—	—	4	3	19
April	4.9	10.5	6.4	7.1	−0.2	10	18.8	12	89	60	86	78	28	11	7.4	7.2	5.5	6.7	69	18	14	15	12	3	—	—	0	3	15
Mai	9.7	15.2	10.2	11.3	2.0	13	24.6	7	80	55	84	73	31	2	5.0	6.5	5.9	5.8	157	43	29	15	14	1	—	1	0	4	10
Juni	10.1	14.4	10.3	11.2	3.8	18	21.3	10	89	66	90	82	40	9	7.6	8.0	7.0	7.5	150	27	26	20	18	—	—	—	0	2	14
Juli	16.6	22.3	17.6	18.5	13.2	3.20	27.4	14	81	57	82	73	40	10	4.3	5.7	5.0	5.0	145	36	17	14	11	—	—	1	0	6	3
Aug.	13.7	20.7	15.9	16.6	7.8	29	28.8	10	90	56	82	76	34	18	4.5	5.0	3.9	4.5	66	16	15	11	9	—	—	1	0	11	4
Sept.	9.8	16.3	11.9	12.5	5.4	2	22.4	17	91	61	85	79	35	14	5.7	6.0	3.8	5.2	109	34	20	9	9	—	—	—	0	7	5
Okt.	8.4	13.6	10.0	10.5	0.8	18	20.6	28	89	66	86	80	30	28	6.8	6.8	6.0	6.5	132	26	13	14	13	—	—	—	0	6	13
Nov.	1.1	5.4	2.2	2.7	−6.4	22	12.8	17	94	75	92	87	42	28	7.8	7.1	6.8	7.2	138	36	7	16	16	6	—	—	5	2	14
Dez.	−1.3	0.5	−1.0	−0.7	−6.2	31	4.8	19	94	83	92	90	50	4	8.9	9.1	8.3	8.8	188	30	23	16	15	14	—	—	5	0	23
Jahr	6.1	11.0	7.2	7.9	−10.4	I	28.8	VIII	89	66	87	81	28	IV	6.7	7.0	6.2	6.6	1418	43	V	173	157	54	—	3	24	48	152

Château d'Oex.

$\lambda = 7°7', \beta = 46°29', H =$ ca. $1010^m, h_r = 1.5^m$. Beobachter: **Sanatorium Alexandra. Ch. E. Juvet.**

Jan.	−5.6	−1.4	−4.5	−4.0	−14.4	18	4.3	31	75	49	71	65	33	13	5.6	5.8	5.0	5.5	60*	20	20	*15	*14	*15	—	—	2	8	11
Febr.	−1.7	2.5	−0.1	0.1	−6.8	6	6.2	2	77	46	72	65	21	24	6.6	5.7	5.8	6.0	104	16	18	16	16	14	—	—	0	4	11
März	−0.7	6.4	1.4	2.1	−8.9	13	13.4	26	76	41	75	64	15	31	6.3	5.4	5.2	5.6	42	11	3	12	10	10	—	1	0	7	11
April	3.2	9.8	4.7	5.6	0.2	10	17.1	12	76	40	73	63	20	26	6.8	7.2	5.1	6.4	50	8	23	15	12	3	—	—	3	4	11
Mai	7.1	13.8	8.9	9.7	0.8	13	23.7	7	62	37	64	55	13	8	5.2	5.5	4.2	5.0	125	37	25	11	10	—	—	—	6	7	10
Juni	*8.5	14.0*	*9.5	10.4*	4.4	6	21.6	10	65*	35*	65*	55*	17	9	*6.0	*6.5	*5.5	*6.0	120*	19	4	*14	*12	—	—	1	3	*8	*8
Juli	15.3	21.8	15.5	17.0	11.0	2	25.4	12	63	37	63	54	16	31	4.9	5.7	4.8	5.1	68	29	31	7	6	—	—	4	0	7	8
Aug.	13.2	20.3	14.4	15.6	7.3	26.29	28.2	10	61	36	53	50	18	10	3.3	2.6	2.2	2.7	112	21	24	12	12	—	—	1	0	14	2
Sept.	9.0	15.4	10.7	11.4	4.0	25	21.2	12	69	46	65	60	27	12	4.2	5.4	3.8	4.5	100	37	23	11	9	—	1	1	0	11	7
Okt.	7.3	12.5	8.9	9.4	0.2	17	20.2	1	71	51	68	63	14	12	5.7	6.3	5.0	5.7	191	44	22	14	14	2	—	—	3	7	10
Nov.	1.0	4.3	1.9	2.3	−10.2	23	13.4	1	74	59	75	69	27	18	7.1	7.7	6.8	7.2	175	26*	7	18	18	10	—	—	4	2	13
Dez.	−2.1	−0.2	−1.2	−1.2	−8.2	21	3.4	28	79	68	76	74	43	8	8.1	6.5	7.4	7.3	236	36	28	18	17	15	—	—	13	2	15
Jahr	4.5	9.9	5.8	6.5	−14.4	I	28.2	VIII	71	45	68	62	13	V	5.8	5.9	5.1	5.6	1383	44	X	163	150	69	1	8	34	81	117

Romont.

$\lambda = 6°55', \beta = 46°41', H = 764^m, h_r = 1.5^m$. Beobachter: **Couvent des Capucins.**

Jan.	−3.1	−0.4	−2.0	−1.9	−11.2	24	3.6	31	86	80	85	86	55	3	7.2	7.0	6.5	6.9	37	10	20	10	9	9	—	—	3	7	18
Febr.	0.2	3.4	1.1	1.4	−3.6	21	6.6	2	89	78	85	84	52	21	7.3	6.1	7.2	6.9	107	20	11	18	17	9	—	—	3	2	15
März	1.4	6.0	3.1	3.4	−4.5	13	12.8	27	88	70	83	80	43	27	7.8	6.7	5.9	6.8	58	14	2	13	10	7	—	—	3	3	14
April	4.5	10.1	6.5	6.9	−0.3	10	16.0	12	85	62	77	75	35	26	6.4	6.1	5.0	5.8	69	13	11	14	12	—	—	3	3	5	10
Mai	8.6	14.5	10.3	10.9	2.6	10	23.7	7	77	57	70	68	40	7.17	4.7	5.0	5.1	4.9	173	39	25	14	14	—	—	2	0	10	8
Juni	10.1	14.6	11.1	11.7	4.1	17	*21.0	10	79	58	72	70	41	28	5.9	6.2	5.4	5.8	68	16	25	12	9	—	—	3	0	6	7
Juli	16.1	22.2	18.4	18.8	*11.0	11	27.8	14	77	53	66	65	41	14	3.6	4.5	3.6	3.9	53	21	18	6	3	—	—	3	1	12	4
Aug.	14.0	20.6	16.6	17.0	7.1	29	28.5	10	74	51	64	63	30	9	3.7	2.8	2.4	3.0	83	33	21	9	8	—	—	2	1	15	2
Sept.	9.6	15.4	11.8	12.1	5.1	25	21.0	10	83	62	77	74	46	11	5.2	4.3	4.3	4.6	82	41	23	8	8	—	1	1	1	9	7
Okt.	8.2	12.1	9.5	9.8	0.5	15	19.1	1	86	73	84	81	45	15	6.4	6.1	6.4	6.3	232	57	13	16	15	—	—	1	2	5	13
Nov.	0.7	3.7	1.8	2.0	−7.3	23	11.1	1. 2	91	82	91	88	49	15	7.7	7.7	7.0	7.5	197	36	25	19	18	7	—	—	7	3	17
Dez.	−1.6	−0.3	−1.4	−1.2	−7.3	31	3.7	27	89	83	88	87	54	8	9.3	7.9	9.2	8.8	175	30	24	19	18	14	—	—	2	0	26
Jahr	5.7	10.2	7.4	7.6	−11.2	I	28.5	VIII	84	67	79	77	30	VIII	6.3	5.9	5.7	5.9	1334	57	X	158	141	46	1	15	26	77	141

Schaffhausen.

$\lambda = 8°38'$, $\beta = 47°42'$, $H_b = 448^m$, $h_r = 1.5^m$. Beobachter: **G. Meyer.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag		Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−1.3	1.4	−0.4	−0.2	−8.8	19	6.5	31	—	—	—	—	—	—	8.6	8.3	8.7	8.5	47	20 8	13	10	11	—	—	4	1	21
Febr.	1.5	5.1	2.7	3.0	−3.8	21	9.0	26	—	—	—	—	—	—	9.8	8.2	8.9	9.0	62	10 27	14	13	4	—	—	5	0	24
März	2.2	8.4	4.5	4.9	−3.8	20	17.5	25	—	—	—	—	—	—	7.6	7.2	5.9	6.9	61	20 2	11	10	2	—	—	4	5	16
April	4.9	12.0	6.9	7.7	0.5	5	20.4	12	—	—	—	—	—	—	6.0	5.9	4.5	5.5	63	13 14	13	12	1	—	1	1	11	12
Mai	9.5	16.6	10.6	11.8	3.0	13	27.0	7	—	—	—	—	—	—	4.5	5.3	5.4	5.1	70	12 31	13	12	—	—	—	0	8	10
Juni	11.3	15.7	11.1	12.3	4.7	17	24.5	10	—	—	—	—	—	—	6.7	7.2	7.1	7.0	60	9 5	15	15	—	—	2	0	4	15
Juli	17.6	25.7	18.3	20.0	12.5	20	33.0	14	—	—	—	—	—	—	3.7	4.1	3.9	3.9	33	19 31	9	7	—	—	2	0	12	5
Aug.	15.1	22.9	16.1	17.6	9.0	26	33.5	10	—	—	—	—	—	—	4.0	3.8	2.2	3.3	26	7 22	8	7	—	—	—	0	16	2
Sept.	9.8	18.5	12.0	13.1	5.5	25	25.8	12	—	—	—	—	—	—	6.2	3.8	3.1	4.3	63	18 20	11	8	—	—	1	4	7	6
Okt.	8.9	13.3	9.4	10.2	0.0	17	21.4	1	—	—	—	—	—	—	8.6	6.2	6.4	7.1	174	34 13	16	15	—	—	—	8	2	15
Nov.	1.6	5.1	2.5	2.9	−5.5	22	11.0	17	—	—	—	—	—	—	8.6	7.4	7.1	7.7	117	16 29	19	18	4	—	—	6	1	15
Dez.	−1.1	0.8	−1.3	−0.7	−13.5	31	6.0	18	—	—	—	—	—	—	8.5	8.5	8.5	8.5	110	39 26	16	14	13	—	—	2	0	22
Jahr	6.7	12.1	7.7	8.6	−13.5	XII	33.5	VIII	—	—	—	—	—	—	6.9	6.3	6.0	6.4	886	39 XII	158	141	35	—	6	34	67	160

Rheinfelden.

$\lambda = 7°47'$, $\beta = 47°33'$, $H_b = 280^m$, $h_r = 1.6^m$. Beobachter: Frl. **A. Hoffmann.**

Jan.	1.4	3.7	2.4	2.5	−7.4	24	7.5	9	—	—	—	—	—	—	9.0	8.1	8.2	8.4	83	12 31	17	15	6	—	—	7	1	24
Febr.	4.1	7.6	5.1	5.5	−1.3	10	11.9	28	—	—	—	—	—	—	8.6	8.3	7.0	8.0	118	16 1	16	14	1	—	—	1	0	16
März	4.8	9.8	6.1	6.7	1.2	21	17.7	27	—	—	—	—	—	—	8.3	7.6	6.0	7.3	73	17 3	12	11	—	—	1	4	3	16
April	6.7	13.8	8.4	9.4	2.1	10	20.1	11	—	—	—	—	—	—	6.9	5.8	4.7	5.8	72	18 14	12	10	—	—	3	2	7	11
Mai	10.9	16.9	11.7	12.8	4.9	13	26.9	7	—	—	—	—	—	—	5.5	6.0	5.7	5.7	161	38 31	17	16	—	—	2	2	8	11
Juni	11.4	17.0	12.0	13.1	5.9	17	24.5	10	—	—	—	—	—	—	7.6	6.9	6.5	7.0	59	14 16	16	12	—	—	3	4	4	15
Juli	17.8	25.4	18.5	20.0	12.4	28	32.1	14	—	—	—	—	—	—	4.5	3.8	4.0	4.1	29	12 31	9	6	—	—	2	0	13	6
Aug.	15.0	23.2	16.2	17.6	8.5	29	32.9	10	—	—	—	—	—	—	4.9	4.2	2.7	3.9	73	16 3	13	11	—	—	2	1	11	4
Sept.	10.6	18.9	12.2	13.5	7.2	27	26.1	12	—	—	—	—	—	—	7.2	4.0	3.2	4.8	83	28 23	9	9	—	—	1	6	5	6
Okt.	9.8	15.0	10.8	11.6	1.4	15	23.0	25	—	—	—	—	—	—	8.5	6.4	6.4	7.1	217	52 13	19	15	—	—	—	6	4	15
Nov.	4.1	7.0	4.8	5.2	−5.5	23	12.7	2.4	—	—	—	—	—	—	8.8	7.6	7.3	7.9	145	21 26	17	16	2	—	—	4	2	17
Dez.	2.2	3.5	2.2	2.6	−8.4	31	7.9	28	—	—	—	—	—	—	9.4	8.4	9.0	8.9	125	21 26	21	19	9	—	—	3	0	25
Jahr	8.2	13.7	9.2	10.1	−8.4	XII	32.9	VIII	—	—	—	—	—	—	7.4	6.4	5.9	6.6	1238	52 X	178	154	18	—	14	40	58	166

Liestal.

$\lambda = 7°44'$, $\beta = 47°29'$, $H_b = 325^m$, $h_r = 1.5^m$. Beobachter: **H. Pfaff.**

Jan.	−0.8	3.1	0.2	0.7	−9.3	22.24	7.5	31	95	77	91	88	47	19	8.5	8.2	8.0	8.2	57	11 31	16	11	8	—	—	3	3	23
Febr.	2.4	7.7	3.9	4.5	−3.3	21	11.6	27	93	67	88	83	37	28.24 27	8.5	8.8	7.3	8.2	108	18 11	19	14	—	—	—	2	0	17
März	3.1	9.6	4.5	5.4	−1.7	19	19.4	26	91	60	90	80	35	23. 25	8.3	8.0	5.7	7.3	66	15 2	10	9	2	1	1	1	2	16
April	5.5	14.4	7.0	8.5	−0.5	10	24.7	11	87	48	86	74	13	26	6.7	6.7	4.4	5.9	68	21 14	12	10	—	—	2	0	5	12
Mai	11.3	17.8	10.5	12.5	1.9	12	31.3	6	74	53	90	72	21	5	5.3	6.1	5.5	5.6	176	37 31	19	15	—	—	2	0	8	8
Juni	11.4	17.5	11.4	12.9	5.5	15	27.9	10	82	53	90	75	24	12	7.6	7.1	6.0	6.9	56	12 16	15	12	—	—	3	1	4	14
Juli	18.9	27.9	18.0	20.7	12.5	1	36.3	14	70	37	83	63	22	9	4.3	4.1	3.5	4.0	24	13 31	8	8	—	—	3	0	13	5
Aug.	15.4	25.2	16.3	18.3	8.0	31	35.6	10	75	42	83	66	17	9	4.4	4.2	2.7	3.8	61	12 31	12	11	—	—	2	0	12	2
Sept.	10.1	20.9	11.8	13.6	5.9	27	30.5	13	97	48	96	80	21	13	5.3	4.3	3.4	4.3	83	32 23	9	9	—	1	3	2	9	5
Okt.	9.3	16.0	10.7	11.7	−0.7	17	25.8	1	93	65	90	83	30	21. 23	7.5	6.8	5.7	6.7	213	61 13	17	15	—	—	1	1	4	13
Nov.	2.0	6.8	3.0	3.7	−7.3	23	14.8	14	96	74	94	88	33	18. 21	7.4	7.8	7.5	7.6	154	23 6	18	17	5	—	—	4	2	16
Dez.	0.5	2.7	0.6	1.1	−10.4	31	8.0	28	92	81	92	88	45	25	9.4	8.4	8.5	8.8	126	23 28	21	18	14	—	—	5	0	22
Jahr	7.4	14.1	8.2	9.5	−10.4	XII	36.3	VII	87	56	89	78	13	IV	6.9	6.7	5.7	6.4	1192	61 X	176	149	29	2	17	19	62	153

Olten.

$\lambda = 7°54'$, $\beta = 47°21'$, $H = \text{ca. } 400^m$, $h_r = 1.5^m$. Beobachter: **J. Naef.**

Jan.	−0.7	1.5	−0.2	0.1	−9.8	22	5.4	10	92	85	90	89	69	21	9.5	8.5	8.2	8.7	64	14 8	16	13	10	—	—	7	1	23
Febr.	1.9	5.3	3.2	3.4	−3.0	21	8.6	2	97	78	85	86	49	24	9.6	9.0	8.9	9.2	122	23 18	18	16	—	—	—	5	0	22
März	3.0	8.5	4.6	5.2	−1.0	19. 20	17.4	27	91	75	82	83	50	13. 31	9.0	7.9	6.6	7.8	64	19 2	11	11	—	—	—	5	0	15
April	5.1	12.5	8.1	8.5	−0.8	10	17.4	II 12	87	73	74	78	30	26	7.6	6.7	5.9	6.7	85	20 15	12	12	—	—	1	5	4	13
Mai	10.1	16.7	11.6	12.2	3.4	12	27.0	7	87	61	72	73	21	8	5.5	5.7	5.3	5.5	126	36 29	16	14	—	—	—	1	7	10
Juni	11.1	16.2	12.4	13.0	6.2	17	24.0	10. 25	82	50	66	66	25	8	7.2	7.3	7.0	7.2	66	9 4	14	14	—	—	1	1	4	17
Juli	17.7	25.3	19.8	20.6	11.2	1	31.4	14	72	41	56	56	26	8	5.2	4.8	5.2	5.1	29	15 31	8	6	—	—	1	0	10	9
Aug.	14.9	22.6	18.0	18.4	7.0	29	31.6	10	75	46	56	59	26	2	5.9	4.1	4.0	4.7	51	14 3	10	9	—	—	1	5	9	9
Sept.	10.2	18.3	12.5	13.4	5.0	25	25.4	11	98	56	77	77	30	11	7.2	5.2	4.5	5.6	80	20 23	11	9	—	—	—	7	5	9
Okt.	8.8	13.7	10.0	10.6	0.6	8	22.2	1.25	96	73	92	87	45	15	9.5	7.3	7.4	8.1	227	49 21	16	15	—	—	—	12	0	17
Nov.	2.5	5.4	3.2	3.6	−7.4	23	11.4	2.17	92	82	87	87	52	5	9.1	8.4	8.3	8.6	141	22 25	19	18	4	—	—	8	1	21
Dez.	0.3	1.9	0.4	0.7	−9.0	31	6.4	17	85	84	86	85	56	19	9.0	8.3	8.6	8.6	172	32 28	19	17	10	—	—	4	2	23
Jahr	7.0	12.3	8.6	9.1	−9.8	I	31.6	VIII	88	67	77	77	21	V	7.9	6.9	6.8	7.2	1227	49 X	170	154	24	—	14	57	43	188

Muri.

$\lambda = 8^\circ 20'$, $\beta = 47^\circ 16'$, $H_b = 483^m$, $h_r = 0.9^m$. Beobachter: **A. Müller.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−1.5	1.1	−0.7	−0.5	−9.7	25	6.7	10	85	72	81	79	51	10.15	8.8	8.1	8.0	8.3	72	32	8	11	11	6	—	—	5	2	19
Febr.	1.5	5.1	2.9	3.1	−3.5	21	9.4	27	87	65	81	78	36	27	8.7	7.9	8.8	8.5	114	21	18	14	14	—	—	—	5	0	17
März	2.5	8.1	4.3	4.8	−2.2	20	*18.4	27	87	55	77	73	35	28	7.6	7.0	5.3	6.6	48	8	9	13	10	2	—	—	3	4	14
April	5.7	11.3	7.3	7.9	1.2	10	18.0	11	78	53	70	67	30	6.11	6.1	6.7	6.0	6.3	81	18	16	11	11	—	—	—	0	6	14
Mai	10.8	15.9	11.4	12.4	3.5	19	26.0	7	70	48	70	63	33	8	5.4	5.8	5.5	5.6	98	16	29	14	13	—	—	—	2	8	10
Juni	11.2	15.9	11.2	12.4	5.4	18	24.0	10	75	49	74	66	32	30	7.2	7.0	6.8	7.0	90	13	22	16	16	—	—	3	1	5	14
Juli	18.3	23.9	18.0	19.5	12.0	24	29.0	13	63	42	66	57	28*	9	4.0	3.2	4.3	3.8	71	40	31	8	8	—	—	2	1	13	4
Aug.	15.6	22.0	16.4	17.6	*6.8	29	29.1	15	68	46	64	59	32	1.14	3.4	3.2	2.9	3.2	81	21	15	8	8	—	1	4	1	17	3
Sept.	10.7	17.5	12.7	13.4	4.2	25	23.4	10.12.13	83	50	75	69	31	14	6.0	3.6	3.8	4.5	65	15	23	10	10	—	—	1	4	11	6
Okt.	8.9	13.0	9.8	10.4	−1.5	18	21.8	1	82	65	83	77	40	17.25	8.7	6.8	6.8	7.4	152	31	13	15	15	—	—	—	6	1	15
Nov.	1.7	5.0	2.8	3.1	−6.0	22	13.6	17	86	71	83	80	39	15	7.6	6.7	7.9	7.4	137	29	7	17	17	8	—	—	6	3	13
Dez.	−0.5	1.4	−0.2	0.1	−10.8	31	7.2	18	83	71	81	78	30	25	9.0	8.6	8.8	8.8	170	37	26	20	16	12?	—	—	2	0	23
Jahr	7.1	11.7	8.0	8.7	−10.8	XII	29.1	VIII	79	57	75	70	28*	VII	6.9	6.2	6.2	6.4	1179	40	VII	157	149	28?	1	10	36	70	152

Thun.

$\lambda = 7^\circ 37'$, $\beta = 46^\circ 46'$, $H_b = 565^m$, $h_r = 1.9^m$. Beobachter: **Eidg. Munitionsfabrik.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−2.8	0.6	−1.8	−1.4	−12.6	24	5.3	10	84	74	84	81	54	17	7.7	7.1	7.4	7.4	61	22	8	15	14	*14	—	—	5	5	17
Febr.	1.4	5.4	2.4	2.9	−2.1	10	9.9	27.28	83	65	78	75	35	27	7.9	7.0	7.6	7.5	61	15	11	12	12	4	—	—	7	0	15
März	3.3	8.3	4.5	5.2	0.3	10.19	15.3	25.26	85	57	71	71	35	20.28.27	7.3	6.2	6.5	6.7	19	4	2	9	7	4	—	—	1	5	15
April	5.6	12.1	7.5	8.2	0.3	10	18.7	11	70	53	63	62	37	2	6.7	5.9	6.4	6.3	75	13	14	16	13	—	—	—	0	3	13
Mai	9.3	15.6	11.3	11.9	1.7	10	25.1	7	66	49	60	58	34	4	4.6	5.4	5.2	5.1	115	34	29	14	12	—	—	1	0	8	6
Juni	11.0	15.5	11.3	12.3	4.9	17	22.9	10	75*	50*	70*	65*	—	—	6.5	6.4	6.3	6.4	80	13	25	17	14	—	—	2	0	4	12
Juli	17.2	24.8	19.1	20.0	11.5	11	29.9	14	82	44	73	66	34	15	2.7	2.9	3.9	3.2	55	16	17	8	8	—	—	2	0	10	2
Aug.	14.3	23.2	17.3	18.0	7.9	29	31.9	15	82	46	69	66	25	6.18	3.0	3.4	3.1	3.2	58	20*	15	7	7	—	—	1	0	13	2
Sept.	9.8	18.1	12.5	13.2	4.9	25	24.1	12	83	53	76	71	29	12	4.2	4.9	4.2	4.4	47	13	23	10	10	—	—	—	0	11	6
Okt.	8.3	13.6	9.5	10.2	0.7	18	24.5	25	83	65	80	76	36	15	6.5	6.0	6.5	6.3	100	33*	13	15	14	—	—	—	4	3	11
Nov.	1.6	5.5	2.7	3.1	−6.7	22	14.9	17	73	66	73	71	40	20	7.6	7.3	8.4	7.8	114	28	7	17	17	4	—	—	7	0	16
Dez.	0.0	2.3	0.2	0.7	−7.1	31	7.7	26	72	64	70	69	53	10	8.9	8.5	9.0	8.8	103	20*	28	15	15	9	—	—	2	0	24
Jahr	6.7	12.1	8.0	8.7	−12.6	I	31.9	VIII	78	57	72	69	25	VIII	6.1	5.9	6.2	6.1	888	34	V	155	143	35	—	6	26	62	139

Heiligenschwendi (Thun). *)

$\lambda = 7^\circ 41'$, $\beta = 46^\circ 45'$, $H_b = 1125^m$, $h_r = 1.4^m$. Beobachter: **Sanatorium.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−4.1	−1.0	−3.3	−2.9	−12.2	19	4.0	3	91	86	92	90	50	3	6.4	6.9	7.4	6.9	92	16	20	16	16	16	—	—	7	6	19
Febr.	−0.6	3.2	0.7	0.9	−5.8	21	7.4	27	90	84	89	88	56	22	7.3	7.8	6.8	7.3	96	18	18	14	14	12	—	—	4	2	16
März	0.8	4.9	2.0	2.3	−5.4	13	12.0	23	92	84	93	90	60	23	6.1	6.3	6.2	6.2	48	16	28	11	10	7	—	—	4	6	14
April	3.8	8.0	4.2	5.0	−1.3	17	15.2	11	91	85	85	90	54	11	6.2	6.6	6.2	6.3	107	29	14	14	13	3	—	—	3	6	15
Mai	8.2	12.4	8.0	9.1	0.4	12	22.6	8	88	80	93	87	60	2	5.2	5.3	6.5	5.7	164	33	29	15	14	4	1	2	4	8	11
Juni	8.4	12.2	7.9	9.0	0.8	18	20.0	10	92	82	95	90	59	3	6.5	7.6	7.1	7.1	126	18	4	16	14	4	—	2	4	4	18
Juli	16.4	20.9	16.4	17.4	11.8	2	27.2	14	85	74	88	82	61	1.13	3.3	4.6	5.2	4.4	66	24	17	8	8	—	—	3	1	10	5
Aug.	14.9	19.1	14.5	15.7	7.8	25	27.0	13.15	80	74	83	77	38	5.6	3.7	3.0	2.8	3.2	81	35	15	7	7	—	—	1	1	14	3
Sept.	9.1	14.5	10.4	11.0	4.8	19.24.25	20.2	12	93	80	93	89	58	12	4.2	4.7	3.8	4.2	73	29	23	10	10	—	—	—	0	10	4
Okt.	8.2	11.9	8.7	9.4	1.0	5.15	20.2	1	89	82	91	87	58	1	6.3	6.1	5.2	5.9	108	31	13	16	16	—	—	—	0	8	11
Nov.	0.9	4.0	1.5	1.9	−7.6	23	13.8	1	89	82	93	88	61	15	6.2	7.2	6.4	6.6	108	30	7	17	15	8	—	—	7	3	12
Dez.	−2.5	−0.7	−2.3	−1.9	−8.4	20	6.2	28	91	87	92	90	60	9	8.3	7.4	8.6	8.1	167	31	28	16	16	16	—	—	9	2	19
Jahr	5.3	9.1	5.7	6.4	−12.2	I	27.2	VII	89	82	91	87	38	VIII	5.8	6.1	6.0	6.0	1236	35	VIII	160	153	70	1	8	44	79	147

*) **Heiligenschwendi.** Die Abendbeobachtung geschieht um 20^{30}.

La Brévine (Châtagne).

$\lambda = 6^\circ 38'$, $\beta = 46^\circ 59'$, $H =$ ca. 1077^m, $h_r = 1.5^m$. Beobachter: Frau **J. Matthey de l'Etang.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−4.8	−1.9	−4.5	−3.9	−17.0	25	2.8	3	94	84	92	90	56	19	7.3	7.4	6.7	7.3	62	17	20	17	13	15	—	—	4	4	18
Febr.	−1.7	2.3	−0.4	−0.1	−9.0	21	7.8	8	93	75	88	85	46	8	9.2	7.8	7.5	8.2	151	24	11	21	17	20	—	—	2	1	17
März	−1.6	4.4	0.3	0.8	−11.8	17	11.2	25	91	66	90	82	30	23	8.0	7.4	7.9	7.8	81	25*	2	14	13	10	—	—	1	3	18
April	2.7	7.8	3.3	4.3	−3.2	10	15.0	12	82	57	79	72	20	26	7.6	7.7	7.2	7.5	94	29	12	15	13	5	1	2	0	1	14
Mai	5.8	11.3	6.8	7.7	−0.6	12	22.4	7	82	53	73	69	24	7	6.5	6.3	5.7	6.2	166	26	29	13	13	6	—	2	1	6	12
Juni	6.6	10.5	6.9	7.7	−0.8	17	19.4	10	87	60	82	76	25	8.10	6.6	7.3	6.3	6.7	88	13	4	15	14	2	—	1	0	4	14
Juli	13.3	20.0	14.7	15.7	5.8	28	28.2	13.14	78	45	67	63	22	28	5.3	5.3	6.0	5.5	32	10	12	8	8	—	—	2	0	8	11
Aug.	10.5	18.5	12.5	13.5	3.2	23	26.8	10.14	78	42	62	61	16	21	5.1	4.5	3.7	4.4	93	23	24	11	11	—	—	3	1	11	6
Sept.	6.8	13.9	8.8	9.6	1.0	2.7	20.7	13	84	56	77	72	23	28	6.0	6.3	3.7	5.3	100	30*	23	10	10	—	1	3	2	8	10
Okt.	6.4	10.9	8.0	8.3	−5.6	15	20.0	1	84	64	80	76	27	12	7.2	6.3	5.8	6.4	218	50	21	19	19	3	—	1	2	4	13
Nov.	−0.4	3.4	0.4	1.0	−18.0	23	15.4	1	90	74	87	84	35	12	7.1	7.5	7.1	7.2	204	29	25	21	21	13	—	—	1	3	16
Dez.	−3.7	−2.0	−3.0	−2.9	−12.0	25	3.2	27.28	95	89	95	93	28	8	7.4	8.1	9.6	8.4	288	45	26	22	22	21	—	—	2	0	20
Jahr	3.3	8.3	4.5	5.1	−18.0	XII	28.2	VII	87	60	81	77	16	VIII	6.9	6.8	6.4	6.7	1577	50	X	186	174	95	2	14	16	53	169

$\lambda = 7°0'$, $\beta = 47°9'$, $H_b =$ ca. 1200^m, $h_r = 1.5^m$. **Mont Soleil** (ob St. Imier). Beobachter: **A. Mathys.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●≥1.0	✳	▲	≋	≡	helle	trübe
Jan.	-4.0	-1.9	-3.7	-3.3	-11.1	19	1.9	9	91	85	88	88	19	24	8.6	8.1	8.4	8.4	66	16	20	21	14	20	—	—	13	2	23
Febr.	-1.2	1.8	-0.3	0.0	-6.3	21	6.4	8	87	79	88	85	31	2	8.8	8.4	7.8	8.3	127	22	11	19	17	16	—	—	11	0	17
März	-0.2	3.3	0.4	1.0	-4.5	12	10.4	27	89	76	85	83	45	31	8.3	7.7	6.2	7.4	88	17	2	16	12	11	—	—	14	1	17
April	2.9	8.0	3.2	4.3	-2.2	8	16.1	12	81	60	80	74	26	26	6.8	7.3	4.3	6.1	87	30	12	12	9	5	—	1	7	5	11
Mai	7.0	11.0	7.0	8.0	-0.7	18	23.1	7	77	64	78	73	37	1	5.8	7.1	6.2	6.4	222	40	29	15	14	6	—	1	0	7	14
Juni	7.0	10.6	6.7	7.7	0.7	17	18.8	10	82	65	82	76	35	9	7.0	7.9	6.4	7.1	83	14	16	14	14	5	—	2	6	4	17
Juli	14.7	20.7	14.8	16.2	9.1	27	26.9	11	71	46	68	62	31	9	4.7	5.5	3.7	4.6	31	13	31	9	5	—	1	3	0	10	7
Aug.	12.7	18.3	13.2	14.3	6.4	28	27.0	15	69	50	63	60	23	9	4.4	4.4	2.4	3.7	98	24	21	12	10	—	—	2	1	13	2
Sept.	9.0	13.8	9.6	10.5	3.3	19	21.5	11	81	60	75	72	30	10	5.2	5.8	4.1	5.0	96	34	23	10	9	—	—	1	1	6	6
Okt.	6.9	10.1	7.9	8.2	0.0	4	21.0	1	84	70	80	78	38	15. 19	7.2	7.0	6.4	6.9	245	55	13	20	20	3	—	—	3	5	16
Nov.	0.2	2.8	-0.1	0.7	-8.7	23	15.5	1	86	81	84	84	35	12	6.7	8.1	6.6	7.1	188	26	25	22	21	15	—	—	7	3	13
Dez.	-3.7	-1.7	-3.3	-3.0	-10.1	31	4.0	14	90	88	89	89	30	8	8.8	7.7	8.9	8.5	245	35	28	24	22	22	—	—	5	1	24
Jahr	4.3	8.0	4.6	5.4	11.1	I	27.0	VIII	82	69	80	77	19	I	6.9	7.1	6.0	6.7	1576	55	X	194	167	103	1	10	68	57	167

$\lambda = 7°56'$, $\beta = 46°7'$, $H =$ ca. 1800^m, $h_r = 1.5^m$. **Saas-Fee.** Beobachter: **A. Imseng.**

Jan.	-9.3	-4.8	-8.6	-7.8	-18.3	18	1.5	31	58	49	59	55	24	22	4.1	3.6	3.7	3.8	15	6	12	5	4	5	—	—	0	11	5
Febr.	-4.7	0.1	-3.8	-3.1	-13.0	21	8.0	2	59	46	58	54	17	2	5.7	5.0	4.1	4.9	33	9	26	10	8	10	—	—	0	5	6
März	-4.2	2.3	-2.8	-1.9	-10.0	13	8.3	27	60	41	59	53	20	16. 20	3.8	3.5	3.0	3.4	12	5	1	5	5	5	—	—	0	12	2
April	0.4	5.3	1.3	2.0	-3.0	1.14	13.0	11	64	46	60	57	23	10.18	5.9	5.8	5.5	5.7	67	33	21	9	9	4	—	—	0	4	9
Mai	4.9	10.8	5.1	6.5	-1.0	11.19	19.0	8	58	39	62	53	20	2	4.0	4.4	5.5	4.6	162	69	29	15	15	—	—	—	0	8	5
Juni	5.1	10.3	5.9	6.8	-1.2	17	21.0	10	65	43	58	55	22	8	5.6	5.0	4.8	5.1	51	10	16	9	8	1	—	—	0	4	5
Juli	13.0	19.5	12.1	14.2	8.4	17	24.4	14	55	33	52	47	24	11. 12	2.3	3.1	3.0	2.8	24	9	31	9	5	—	—	—	0	16	3
Aug.	10.7	18.4	11.1	12.8	4.0	25	24.4	9	58	35	52	48	20	2.18	2.8	2.2	1.8	2.3	54	23	31	8	8	—	—	—	0	15	1
Sept.	5.6	11.9	6.4	7.6	1.0	24	19.8	30	69	43	63	58	21	30	4.2	4.2	3.5	4.0	57	13	18	11	9	—	—	—	0	9	5
Okt.	3.9	9.0	4.9	5.7	-2.5	15	20.0	1	63	49	67	60	18	12	5.6	5.3	6.0	5.6	79	31	28	13	11	5	—	—	1	7	11
Nov.	-2.7	1.3	-1.6	-1.2	-13.8	23	12.8	1	63	51	65	60	21	15	4.9	5.3	7.4	5.9	87	27	7	16	12	13	—	—	0	3	9
Dez.	-7.2	-4.1	-6.3	-6.0	-12.0	22	1.7	11	65	57	66	63	25	20	6.1	5.8	5.8	5.9	129	28	26	12	11	12	—	—	0	7	13
Jahr	1.3	6.7	2.0	3.0	-18.3	I	24.4	VII VIII	61	44	60	55	17	II	4.6	4.4	4.5	4.5	770	69	V	122	105	55	—	—	1	101	74

$\lambda = 7°51'$, $\beta = 46°12'$, $H =$ ca. 1629^m, $h_r = 1.5^m$. **Grächen.** Beobachter: **J. Weissen.**

Jan.	-7.3	-1.6	-6.1	-5.3	-15.2	18. 19	6.5	26	—	—	—	—	—	—	5.0	4.0	4.2	4.4	16	5	10	5	5	5	—	—	0	10	7
Febr.	-3.2	3.5	-1.9	-0.8	-10.0	21	8.9	3	—	—	—	—	—	—	6.0	5.0	5.0	5.3	40	8	26	11	11	11	—	—	2	4	7
März	-2.1	5.5	-0.3	0.7	-8.5	13	12.2	25	—	—	—	—	—	—	4.4	3.9	4.0	4.1	12	4	2	5	5	5	—	—	0	12	5
April	2.1	7.3	3.0	3.8	-1.8	15	14.0	12	—	—	—	—	—	—	5.7	5.4	5.2	5.4	33	12	21	7	7	3	—	—	5	5	7
Mai	7.4	12.0	7.1	8.4	0.6	11	19.4	7	—	—	—	—	—	—	4.6	5.5	5.1	5.1	87	32	29	11	11	2	—	1	4	6	8
Juni	7.4	12.3	8.0	8.9	-0.6	18	22.0	10	—	—	—	—	—	—	6.8	5.9	5.2	6.0	24	5	24	7	6	—	—	1	6	4	10
Juli	15.5	20.2	15.1	16.5	10.4	2	26.6	13	—	—	—	—	—	—	2.3	3.8	3.4	3.2	45	17	13	7	7	—	—	2	0	11	1
Aug.	13.5	19.4	14.4	15.4	5.2	26. 29	27.3	10	—	—	—	—	—	—	4.2	3.3	2.2	2.8	40	12	15	6	6	—	—	1	1	12	1
Sept.	8.1	13.6	9.4	10.1	3.8	19. 20	20.4	30	—	—	—	—	—	—	4.0	4.3	3.1	3.8	20	5	23	8	7	—	—	—	5	10	3
Okt.	5.6	10.8	6.8	7.5	-2.4	5	22.0	1	—	—	—	—	—	—	6.0	5.3	5.0	5.4	52	15	13	11	9	2	—	—	4	7	8
Nov.	-0.9	4.6	-0.4	0.7	-11.6	23	16.0	1	—	—	—	—	—	—	5.8	6.1	6.2	6.0	55	21	7	12	11	8	—	—	3	4	9
Dez.	-5.0	-0.5	-5.0	-3.9	-10.6	21	5.0	9	—	—	—	—	—	—	6.9	7.0	6.4	6.8	130*	20	26	*13	*13	*13	—	—	0	8	18
Jahr	3.4	8.9	4.2	5.2	-15.2	I	27.3	VIII	—	—	—	—	—	—	5.0	5.0	4.6	4.9	554	32	V	103	98	49	—	5	30	93	84

$\lambda = 7°45'$, $\beta = 46°8'$, $H_b = 1610^m$, $h_r = 0.8^m$. **Zermatt.** Beobachter: **B. Zurbriggen. J. Bittel.**

Jan.	-9.6	-3.2	-8.0	-7.2	-19.0	19	2.0	29	66	48	66	60	30	26	3.4	3.4	2.9	3.2	15	8	11	4	4	4	—	—	0	17	6
Febr.	-6.0	3.4	-3.7	-2.5	-14.0	21	9.8	3	70	43	68	60	25	21	6.4	5.9	4.6	5.6	34	5*	26	12	11	12	—	—	0	5	9
März	-5.4	5.5	-1.6	-0.8	-11.6	13	12.0	27	68	37	63	56	25	18	2.6	3.0	4.5	3.4	10	4	1	5	5	5	—	—	0	15	5
April	0.6	9.0	2.8	3.8	-3.0	5.10 18	15.0	11. 12	68	38	62	56	24	30	4.4	4.6	5.6	4.9	47	19	21	8	6	1	—	—	0	7	7
Mai	5.2	12.9	5.8	7.4	-2.4	19	21.6	8	58	40	61	53	22	18	3.7	4.3	4.2	4.1	99	37	29	11	11	1	—	—	0	11	5
Juni	7.3	12.7	6.6	8.3	-0.6	17	20.8	10	65	39	64	56	26	8	5.2	4.8	3.6	4.5	25	6	24	10	8	2	—	—	0	7	4
Juli	12.0	20.9	12.7	14.6	6.8	28	27.0	14	60	34	52	49	24	11. 12	1.6	2.5	1.8	2.0	15	5	31	5	5	—	—	—	0	17	0
Aug.	8.8	19.4	12.0	13.0	2.4	29	27.0	10	63	35	51	50	21	10	2.4	2.3	1.3	2.0	47	20	31	7	7	—	—	—	0	18	0
Sept.	5.4	14.6	7.3	8.7	0.2	19	21.8	30	76	39	66	60	22	30	3.6	4.1	3.1	3.6	16	4	3	8	5	—	—	—	0	12	5
Okt.	3.9	11.1	5.3	6.4	-2.8	17	21.4	1	73	48	71	64	21	12	5.5	5.4	5.4	5.4	70	14	8	11	8	2	—	—	0	8	10
Nov.	-2.9	3.4	-1.5	-0.6	-14.2	23	12.8	1	71	48	72	64	27	29	5.2	5.7	6.8	5.9	61	24	7	11	11	8	—	—	1	6	13
Dez.	-6.8	-2.6	-6.6	-5.6	-16.0	29	4.6	12	63	50	68	60	24	25	5.5	5.3	5.0	5.3	150	28	24	13	13	13	—	—	0	10	12
Jahr	1.0	8.9	2.6	3.8	-19.0	I	27.0	VII VIII	67	42	64	57	21	VIII X	4.1	4.3	4.1	4.2	589	37	V	105	94	48	—	—	1	133	76

Leukerbad.

$\lambda = 7°37', \beta = 46°23', H_b = 1415^m, h_r = 1.1^m$. Beobachter: Schw. **Ch. Widmer.**

1923	Luft-Temperatur								Relative Feuchtigkeit								Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag			7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●*	*	▲	K	=	helle	trübe
Jan.	−6.3	−2.0	−4.9	−4.5	−15.4	19	2.8	31	71	56	65	64	29	24			3.4	4.3	2.9	3.5	63	12	20	11	10	10	—	—	1	12	4
Febr.	−2.5	2.6	−0.7	−0.3	−9.4	21	8.2	2	71	50	67	63	26	24			5.0	5.1	4.9	5.0	99	23	26	13	13	12	—	—	3	3	3
März	−2.0	4.5	0.5	0.9	−7.9	13	9.4	28	74	45	62	60	25	6			4.3	3.6	3.8	3.9	35	12	2	9	8	7	—	—	1	11	5
April	2.6	7.3	3.9	4.4	−1.3	15	12.3	12	71	51	65	62	32	7			4.2	4.5	4.4	4.4	40	11	21	9	8	4	—	—	3	4	2
Mai	6.6	12.4	8.6	9.1	0.6	11	20.7	7	64	46	60	57	27	1.2.12			3.5	4.1	4.7	4.1	117	48	29	14	14	3	—	1	2	8	3
Juni	7.5	11.6	9.3	9.4	0.2	18	20.1	10	73	47	59	60	28	28			4.6	4.6	4.5	4.6	79	40	15	12	10	3	—	—	3	5	3
Juli	14.3	20.4	16.2	16.8	10.6	28	25.2	14	63	45	60	56	23	14			2.5	3.2	3.9	3.2	62	28	31	9	8	—	—	1	1	11	2
Aug.	12.0	18.9	15.9	14.7	5.3	29	24.9	15	67	45	53	55	19	6			3.4	3.2	3.1	3.2	70	21	15	7	7	—	—	1	0	12	0
Sept.	7.6	14.0	10.0	10.4	2.4	23	19.3	12	78	56	67	67	30	12			3.4	3.5	3.1	3.3	68	22	21	8	6	–	—	—	0	11	2
Okt.	5.9	10.5	7.2	7.7	−1.6	15	19.2	1	76	61	77	71	17	14			4.3	5.1	5.3	4.9	152	27	22	12	12	4	—	—	2	8	4
Nov.	−0.1	4.0	0.9	1.4	−11.1	23	12.2	1	74	59	76	70	25	15			4.6	5.5	5.6	5.2	112	29	15	14	14	10	—	—	1	2	3
Dez.	−4.6	−1.8	−4.0	−3.6	−10.8	21	5.2	12	80	69	78	76	39	29			6.1	5.8	5.7	5.9	260	71	28	17	16	17	—	—	4	3	8
Jahr	3.4	8.5	5.3	5.5	−15.4	I	25.2	VII	72	52	66	63	17	X			4.1	4.4	4.3	4.3	1158	71	XII	135	126	70	—	3	21	90	139

Airolo.

$\lambda = 8°36', \beta = 46°31', H_b = 1143^m, h_r = 0.8^m$. Beobachter: **P. Ziniker. Fr. Burkhalter.**

Jan.	−3.3	−0.1	−3.4	−2.1	−11.0	22	5.2	31	66	57	63	62	24	24			4.6	6.3	5.2	5.4	4	2	16	2	2	2	—	—	0	8	11
Febr.	−1.2	4.1	0.2	0.8	−7.3	21	13.0	2	71	51	68	64	28	2			6.9	6.3	5.3	6.2	18	8	28	6	5	5	—	—	0	3	11
März	0.8	6.7	2.2	3.0	−3.0	16	13.8	26	69	49	66	61	19	26			5.2	5.6	5.4	5.4	11	5	2.14	5	2	5	—	—	0	9	10
April	4.0	8.1	4.7	5.4	1.1	5	13.9	30	71	61	72	68	25	10			6.8	8.0	7.8	7.5	168	47	21	12	12	8	—	—	0	2	18
Mai	9.1	13.0	8.9	10.0	3.9	12	22.1	6	67	54	71	64	22	2			6.1	6.7	7.3	6.7	345	74	9	14	12	—	—	—	0	4	14
Juni	11.6	15.5	10.5	12.0	4.9	18	24.1	24	56	49	61	55	30	9.30			6.0	6.5	5.8	6.1	13	5	15	5	3	—	—	—	0	6	11
Juli	18.1	22.7	18.1	19.2	11.1	1	27.4	14	58	44	63	55	30	4.7			2.3	3.5	4.0	3.3	41	12	31	6	6	—	—	3	0	12	1
Aug.	15.7	21.7	17.5	18.1	10.2	26	30.0	9	63	47	60	57	18	9			2.6	2.9	2.7	2.7	170	96	31	8	7	—	—	1	0	14	1
Sept.	9.9	16.1	11.2	12.1	3.0	21	23.3	28	74	59	71	68	24	29			4.0	4.7	4.4	4.4	188	34	23	12	12	—	—	—	0	11	8
Okt.	7.6	11.7	8.5	9.1	1.4	18	21.8	2	77	69	78	75	32	17			5.9	5.6	5.8	5.8	465	83	28	16	16	—	—	—	0	6	10
Nov.	1.1	3.9	2.1	2.3	−5.9	21	14.1	1	77	68	78	74	33	22			5.5	5.8	6.3	5.9	277	48	7	14	14	7	—	—	0	6	11
Dez.	−2.0	−0.4	−1.9	−1.5	−6.8	22	4.8	17.18	72	70	72	71	45	4			6.2	5.4	5.2	5.6	180	52	26	14	14	14	—	—	0	8	12
Jahr	6.0	10.3	6.6	7.4	−11.0	I	30.0	VIII	68	57	69	65	18	VIII			5.2	5.9	5.4	5.4	1880	96	VIII	114	105	41	—	4	0	89	113

Faido.

$\lambda = 8°48', \beta = 46°29', H = 759^m, h_r = 0.7^m$. Beobachter: **A. Heizmann.**

Jan.	−0.3	2.6	0.3	0.7	−7.6	22	8.6	28	69	62	65	65	28	28			4.7	4.8	4.2	4.6	2	1	10	2	1	2	—	—	1	10	7
Febr.	2.2	6.8	2.8	3.7	−2.8	16	16.0	2	74	64	71	70	31	2			6.3	6.5	5.1	6.0	3	2	8	3	1	1	—	—	1	3	7
März	3.3	8.6	4.8	5.3	−0.2	11	13.1	30	70	59	66	65	38	13			4.4	5.3	4.3	4.7	12	9	14	3	2	2	—	—	0	11	8
April	6.4	11.6	7.3	8.2	2.4	21	17.2	30	77	65	78	73	28	10			6.7	7.5	7.6	7.3	155	60	21	10	10	—	—	—	0	2	16
Mai	10.6	16.1	11.1	12.2	4.5	13	24.6	6	76	64	76	72	33	18			5.6	6.0	6.7	6.1	214	36	30	14	13	—	—	—	0	3	12
Juni	13.1	18.2	13.3	14.5	7.8	8	26.2	11	64	52	61	59	33	22.27			5.1	5.7	5.3	5.4	15	9	4	4	4	—	—	—	0	5	4
Juli	17.3	25.3	18.9	20.1	12.4	1	29.4	14	73	57	69	66	42	19.30			2.4	4.7	4.5	3.9	71	28	9	6	6	—	—	2	0	7	1
Aug.	16.2	24.1	17.9	19.0	11.8	19	29.5	13	74	56	67	66	27	4			3.0	3.6	2.5	3.0	266	180	31	7	7	—	—	2	0	13	2
Sept.	10.7	16.9	12.8	13.3	5.4	21	22.0	30	88	69	85	81	37	24			4.0	5.1	4.0	4.4	176	42	17	13	11	—	—	1	0	11	6
Okt.	8.8	13.0	9.6	10.3	2.8	18	21.0	10	90	77	93	87	40	5			5.5	5.2	4.4	5.0	422	86	27	16	15	—	—	—	0	11	10
Nov.	3.8	6.3	4.1	4.6	−2.5	21	14.9	1	85	79	87	84	23	22			6.1	6.0	7.1	6.4	297	61	28	13	12	3	—	—	0	4	14
Dez.	0.5	2.0	0.6	0.9	−5.8	31	11.4	17	75	72	77	75	39	20			6.2	6.2	4.9	5.8	111	24	22	12	11	9	—	—	0	10	12
Jahr	7.7	12.5	8.6	9.4	−7.6	I	29.5	VIII	76	65	75	72	23	XI			5.0	5.5	5.1	5.2	1744	180	VIII	103	93	17	—	5	2	90	99

Comprovasco (Acquarossa).

$\lambda = 8°56', \beta = 46°28', H_b = 544.1^m, h_r = 1.6^m$. Beobachter: Frl. **E. Gianella.**

Jan.	−1.7	4.9	0.7	1.2	−8.1	22	9.9	15	—	—	—	—	—	—			4.4	5.4	3.2	4.3	2	2	1	1	1	1	—	—	1	12	5
Febr.	1.4	7.9	2.7	3.7	−3.5	21	17.1	1	—	—	—	—	—	—			6.4	5.9	3.5	5.3	4	4	8	2	1	1	—	—	1	6	4
März	3.2	11.9	6.2	6.9	−1.3	13. 16	17.5	28. 29	—	—	—	—	—	—			4.9	6.2	6.3	5.8	14	8	14	4	2	2	—	—	1	10	7
April	5.9	13.5	8.9	9.3	2.3	21	19.9	23	—	—	—	—	—	—			6.1	7.8	6.7	6.9	151	45	21	13	10	—	—	—	0	2	13
Mai	10.5	19.7	12.7	13.9	4.9	17	26.7	9	—	—	—	—	—	—			5.8	6.2	5.9	6.0	211	31	26	15	13	—	—	2	1	2	11
Juni	13.0	20.1	14.6	15.6	7.1	6	27.7	24	—	—	—	—	—	—			4.5	5.2	4.4	4.7	21	9	4	5	4	—	—	—	0	6	6
Juli	16.3	27.0	19.3	20.4	11.9	4	31.1	13	—	—	—	—	—	—			2.6	4.4	4.6	3.9	103	32	9	6	6	—	—	3	0	12	3
Aug.	15.3	26.1	18.7	19.7	8.9	29	32.0	15	—	—	—	—	—	—			3.1	3.1	2.7	3.0	172	108	31	7	5	—	—	1	0	13	2
Sept.	10.7	18.8	13.3	14.1	5.3	20	23.1	10	—	—	—	—	—	—			3.5	4.2	3.3	3.7	185	70	23	13	13	—	—	1	1	11	6
Okt.	9.0	15.2	10.4	11.3	1.7	17	23.5	10	—	—	—	—	—	—			6.2	6.2	4.8	5.7	262	78	13	17	13	—	—	—	1	7	13
Nov.	4.0	9.4	6.2	6.5	−3.1	20	18.9	18	—	—	—	—	—	—			5.3	6.3	4.5	5.4	219	48	28	16	14	2	—	—	1	7	11
Dez.	0.9	4.3	1.1	1.9	−7.9	31	16.3	17	—	—	—	—	—	—			6.6	6.0	4.3	5.6	76	15	26	12	11	9	—	—	0	8	13
Jahr	7.4	14.9	9.6	10.4	−8.1	I	32.0	VIII	—	—	—	—	—	—			5.0	5.6	4.5	5.0	1420	108	VIII	111	93	15	—	7	7	99	94

Braggio.

$\lambda = 9°7', \beta = 46°18', H =$ ca. 1332^m, $h_r = 1.5^m$. Beobachter: **C. Berera.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● ✶	●✶ >1.0	✶	▲	K	≡	hell	trübe
Jan.	−2.5	2.2	−1.9	−1.0	−8.7	22	8.3	25	62	55	61	60	35	19	4.9	5.7	3.4	4.7	17	15	1	4	1	4	—	—	0	11	9
Febr.	−1.2	3.9	−0.3	0.6	−6.7	15	12.9	3	73	63	76	71	37	22	4.2	5.4	3.9	4.5	13	6	8	4	3	4	—	—	7	7	4
März	0.2	6.0	1.5	2.3	−4.1	11	11.5	26	72	56	71	66	40	6.18 26	4.6	5.7	3.5	4.6	15	7	14	4	3	4	—	—	2	8	6
April	2.7	7.1	4.0	4.4	−0.1	3.5	12.7	30	80	71	81	77	41	10	5.1	4.9	6.5	5.5	175	51	21	14	13	8	—	—	4	4	16
Mai	7.8	13.4	8.8	9.7	1.5	19	21.1	6	75	64	78	72	31*	11	6.1	6.7	6.5	6.4	258	35	30	16	16	—	—	3	1	5	15
Juni	8.8	14.2	9.7	10.6	2.9	18	23.2	10	67	56	68	64	37	12	4.6	6.2	4.5	5.1	80	29	4	10	10	—	—	1	0	6	6
Juli	14.6	21.0	16.1	16.9	10.1	4	24.7	15	76	57	77	70	33	11	2.5	4.8	4.5	3.9	165	63	31	9	8	—	1	6	0	9	4
Aug.	13.9	20.6	15.0	16.4	9.5	26	26.9	9	70	59	68	64	41	9	3.6	4.0	2.1	3.2	175	85	31	8	8	—	2	5	1	15	3
Sept.	9.4	15.1	10.5	11.4	3.7	20	23.5	30	74	65	74	71	30	24	3.9	5.5	3.7	4.4	158	69	23	12	12	—	—	4	2	8	7
Okt.	7.5	11.7	8.2	8.9	1.5	5	20.9	10	80	72	83	78	36	6.17	6.0	6.4	5.4	5.9	269	46	27	15	15	1	—	3	4	8	13
Nov.	1.4	5.6	2.5	3.0	−6.1	21	17.3	1	80	69	81	76	30	22	4.6	6.1	4.9	5.2	218	43	26	15	14	9	—	3	5	1	14
Dez.	−2.3	1.3	−2.2	−1.3	−10.1	22	10.7	17	70	66	71	69	36	25	5.8	5.4	4.3	5.2	69	12	24	13	11	12	—	—	4	10	11
Jahr	5.0	10.2	6.0	6.8	−10.1	XII	26.9	VIII	73	63	74	70	30	IX.XI	4.7	5.6	4.4	4.9	1612	85	VIII	124	114	42	3	25	30	92	108

Monte Brè (ob Lugano).

$\lambda = 8°59', \beta = 46°1', H = 910^m$, $h_r = 1.5^m$. Beobachter: **G. Buzzi.**

Jan.	1.2	2.8	1.5	1.8	−2.4	22	6.4	26	—	—	—	—	—	—	3.5	3.8	2.6	3.3	22	22	1	1	1	1	—	—	0	15	4
Febr.	2.1	3.8	2.8	2.8	−2.0	9	14.0	2	—	—	—	—	—	—	6.1	5.0	4.2	5.1	14	8	27	2	2	1	—	—	1	5	4
März	4.1	7.5	5.6	5.7	1.0	18	16.8	31	—	—	—	—	—	—	4.1	3.8	4.0	4.0	35	13	14	4	4	4	—	—	1	9	6
April	5.7	8.7	7.0	7.1	2.0	24	13.0	30	—	—	—	—	—	—	6.4	5.9	5.5	5.9	256	44	21	13	13	—	—	2	0	5	8
Mai	11.6	14.7	12.2	12.7	5.0	19	21.0	3	—	—	—	—	—	—	4.2	4.3	4.3	4.3	172	30	28	11	11	—	—	1	0	11	5
Juni	12.3	15.3	13.2	13.5	7.4	18	20.2	11	—	—	—	—	—	—	3.6	3.8	3.0	3.5	128	45	4	10	10	—	—	3	0	14	4
Juli	18.6	21.4	20.0	20.0	14.6	3	24.2	12.14	—	—	—	—	—	—	2.9	3.1	2.7	2.9	115	33	28	8	8	—	—	3	0	11	1
Aug.	18.7	21.6	19.7	19.9	14.0	24	26.6	11	—	—	—	—	—	—	2.5	2.5	2.1	2.4	86	58	31	4	4	—	—	1	0	19	1
Sept.	13.0	15.9	14.0	14.2	8.2	21	20.4	13	—	—	—	—	—	—	3.5	4.0	3.9	3.8	160	29	23	10	10	—	—	1	0	14	5
Okt.	10.9	12.4	11.0	11.3	7.0	5	18.6	1	—	—	—	—	—	—	5.2	5.6	4.8	5.2	150	62	3	10	10	—	—	—	0	8	10
Nov.	4.6	6.4	5.0	5.2	−2.6	22	14.0	2	—	—	—	—	—	—	5.4	5.4	6.0	5.6	218	38	28	14	14	3	—	2	0	4	12
Dez.	1.4	2.8	1.2	1.6	−4.4	31	9.8	17	—	—	—	—	—	—	3.7	4.6	4.6	4.3	32	22	1	5	5	4	—	—	0	12	5
Jahr	8.7	11.1	9.4	9.7	−4.4	XII	26.6	VIII	—	—	—	—	—	—	4.3	4.3	4.0	4.2	1388	62	X	92	92	13	—	13	2	127	65

Pontresina.

$\lambda = 9°54', \beta = 46°30', H = 1805^m$, $h_r = 2.2^m$. Beobachter: **L. Schmid.**

Jan.	−11.3	−3.9	−9.6	−8.6	−21.6	22	2.0	31	—	—	—	—	—	—	6.3	5.6	4.8	5.6	18	8	11	7	6	7	—	—	0	9	12
Febr.	−8.3	0.8	−6.0	−4.9	−17.2	21	6.8	3	—	—	—	—	—	—	7.2	6.2	4.5	6.0	14	5	26	7	5	7	—	—	0	6	11
März	−8.3	2.5	−4.1	−3.5	−15.6	13	7.3	25	—	—	—	—	—	—	5.7	5.3	3.1	4.7	26	5	2	7	4	7	—	—	0	12	7
April	−1.2	5.4	0.2	1.3	−7.2	2	8.5	12	—	—	—	—	—	—	6.9	6.9	5.7	6.5	73	24	21	16	16	14	—	—	0	4	13
Mai	3.7	10.7	5.2	6.2	−3.4	19	17.1	8	—	—	—	—	—	—	5.8	5.6	7.0	6.1	91	31	10	13	13	4	—	1	0	5	9
Juni	5.4	10.8	5.8	6.9	−1.1	18	18.5	10	—	—	—	—	—	—	6.8	6.6	6.4	6.6	70	32	4	12	10	6	—	—	0	4	14
Juli	8.3	18.7	12.9	13.2	4.2	20	24.1	13	—	—	—	—	—	—	2.3	4.4	6.0	4.2	61	18	31	10	8	—	—	2	0	8	2
Aug.	6.9	17.9	11.5	12.0	0.4	29	24.4	10	—	—	—	—	—	—	3.1	3.5	4.5	3.7	83	18	24	9	8	—	—	4	0	11	5
Sept.	4.2	12.0	6.1	7.1	2.3	25	17.6	30	—	—	—	—	—	—	5.3	5.2	4.9	5.1	78	36	23	10	10	3	1	—	0	8	8
Okt.	1.8	8.1	3.2	4.1	5.2	4	17.5	1	—	—	—	—	—	—	7.5	5.7	6.1	6.4	133	41	13	14	13	5	—	—	0	6	14
Nov.	−4.3	1.9	−2.7	−2.0	−16.5	20	10.6	1	—	—	—	—	—	—	6.5	6.7	5.7	6.3	86	21	7	12	12	12	—	—	0	2	8
Dez.	−9.2	−4.2	−8.4	−7.5	−18.0	31	4.0	17	—	—	—	—	—	—	7.5	7.0	5.8	6.8	80	13	27	15	14	15	—	—	0	5	15
Jahr	−1.0	6.7	1.2	2.0	−21.6	I	24.4	VIII	—	—	—	—	—	—	5.9	5.8	5.4	5.7	813	41	X	132	119	80	1	7	0	80	118

Castasegna.

$\lambda = 9°31', \beta = 46°20', H_b = 699.7^m$, $h_r = 1.8^m$. Beobachter: **A. Garbald.**

Jan.	1.0	3.5	1.4	1.8	−5.4	22	10.8	31	46	40	43	43	15	28	5.2	5.6	3.7	4.8	—	—	—	—	—	—	—	—	—	10	6
Febr.	3.0	7.0	2.9	4.0	−1.6	8	17.4	2	53	41	55	50	18	2	5.6	5.8	4.6	5.3	—	—	—	—	—	—	—	—	—	6	7
März	4.3	10.3	5.8	6.5	0.2	19	16.2	28	48	35	50	44	19	7	4.7	5.5	4.4	4.9	—	—	—	—	—	—	—	—	—	10	8
April	7.4	11.7	8.0	8.8	4.3	3	17.0	11	68	47	70	62	20	16	5.8	7.1	7.2	6.7	—	—	—	—	—	—	—	—	—	4	11
Mai	12.8	17.2	12.0	13.5	6.3	10	24.6	3	56	45	69	57	17	11	5.2	6.4	6.5	6.0	—	—	—	—	—	—	—	—	—	8	12
Juni	13.8	18.3	13.2	14.6	8.5	4	24.4	11	49	38	58	48	20	12.29 27	4.3	6.5	5.0	5.3	—	—	—	—	—	—	—	—	—	6	6
Juli	18.9	23.9	18.5	20.0	14.6	3	27.2	14	55	44	64	54	18	27	2.8	4.6	6.1	4.5	—	—	—	—	—	—	—	—	—	5	2
Aug.	17.8	23.5	17.8	19.2	8.0	29	29.2	4	55	41	57	51	16	4	3.5	3.5	3.0	3.3	—	—	—	—	—	—	—	—	—	12	2
Sept.	12.4	17.7	13.2	14.1	6.6	21	22.8	6	66	48	66	60	22	24	4.1	5.5	5.5	5.0	—	—	—	—	—	—	—	—	—	9	7
Okt.	9.6	13.9	10.1	10.9	3.8	18	20.4	1	72	59	74	68	17	17	6.0	6.3	5.3	5.9	—	—	—	—	—	—	—	—	—	9	13
Nov.	4.8	7.5	5.2	5.7	−1.8	21	16.4	1	68	56	68	64	16	22	6.4	6.8	7.1	6.8	—	—	—	—	—	—	—	—	—	2	13
Dez.	1.6	3.1	2.1	2.3	−4.5	21	12.0	17	50	45	55	50	15	30	6.5	6.3	5.2	6.0	—	—	—	—	—	—	—	—	—	5	9
Jahr	9.0	13.1	9.2	10.1	−5.4	I	29.2	VIII	57	45	61	54	15	I.XII	5.0	5.8	5.4	5.4	—	—	—	—	—	—	—	—	—	86	96

$\lambda = 10°20'$, $\beta = 46°43'$, $H =$ ca. 1810^m, $h_r = 1.5^m$. **Scarl** (Unterengadin). Beobachter: **Eidg. Grenzwachtposten.**

1923	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	☇	≡	helle	trübe
Jan.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Febr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
März	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☇	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mai	5.8	11.1	5.1	6.8	−2.4	12	17.0	2.7.8	59	38	61	53	20*	2.19	5.8	5.2	5.1	5.4	47	16	10	11	9	5	—	—	0	7	5
Juni	5.4	10.4	4.4	6.1	−1.0	18	20.2	10	62	42	72	59	18	9	6.3	7.1	6.3	6.6	41	13	14	11	8	5	—	—	0	3	14
Juli	13.2	18.2	10.9	13.3	6.2	1	23.2	12.14	58	33	64	52	21	6	2.5	5.1	5.1	4.2	54	19	31	11	10	—	1	1	0	6	2
Aug.	9.1	17.0	9.9	11.5	0.2	29	24.6	10	67	32	63	54	19	10	3.3	4.4	3.9	3.9	83	20	31	10	9	—	1	4	1	12	4
Sept.	4.8	11.5	5.3	6.7	−2.8	25	17.2	30	73	46	77	65	26	9	4.8	6.1	5.0	5.3	80	24	23	12	11	6	—	1	0	5	8
Okt.	3.1	8.2	3.0	4.3	−6.8	15	17.0	1	70	50	70	63	22	11	6.7	6.7	4.5	6.0	109	42	13	13	9	6	—	—	0	6	12
Nov.	−2.8	0.6	−1.9	−1.5	−13.8	20	9.6	1	73	58	73	68	36	22	6.3	6.8	6.4	6.5	63	18	7	12	11	11	—	—	2	3	10
Dez.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jahr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

$\lambda = 9°9'$, $\beta = 46°15'$, $H = 335^m$, $h_r = 1.3^m$. **Grono.** Beobachter: **M. Parolini.**

Jan.	0.6	3.9	1.5	1.9	−4.4	23	9.1	16	65	53	60	60	27	19.21	4.4	4.9	2.7	4.0	10	10	2	1	1	1	—	—	0	13	6
Febr.	2.8	7.6	4.2	4.7	−0.8	8	13.8	2	74	51	68	65	25	12	6.5	5.3	4.6	5.5	7	5	9	3	2	1	—	—	4	4	5
März	5.4	12.6	7.7	8.4	2.0	10	20.0	29	63	39	50	51	21	4.6	4.7	5.4	3.1	4.4	14	7	15	3	3	—	—	—	0	8	5
April	8.8	13.5	9.6	10.4	5.2	3.20	19.2	1	76	52	69	66	23	16	6.4	7.6	6.2	6.7	134	42	21	10	10	—	—	—	0	3	12
Mai	13.3	18.8	14.1	15.1	8.0	10	27.0	3	72	50	66	63	21	18	6.1	6.9	5.5	6.2	199	31	30	14	13	—	—	2	0	5	14
Juni	15.5	20.6	15.0	16.5	10.0	4	26.3	23.24	56	42	57	52	22	5	4.8	5.7	4.2	4.9	68	24	4	7	7	—	—	2	0	6	4
Juli	20.9	26.6	21.1	22.4	17.0	3.15 18	31.2	15	61	46	64	57	27	27	3.7	5.1	3.8	4.2	101	36	15	5	5	—	—	1	0	5	1
Aug.	18.7	25.7	20.3	21.3	13.1	25	32.0	11	67	48	60	58	23	19	3.5	4.7	2.3	3.5	131	88	31	5	5	—	—	?	0	10	1
Sept.	12.8	19.2	14.3	15.2	7.1	21	25.0	4	83	55	72	70	28	4	4.3	5.2	4.1	4.5	150	55	23	11	11	—	—	2	0	7	5
Okt.	10.3	14.9	11.4	12.0	5.0	18	21.4	1	87	66	84	79	25	15	6.5	6.6	4.8	5.9	176	30	3	15	12	—	—	2	1	7	12
Nov.	5.7	8.9	6.5	6.9	−0.4	22	10.8	1	79	64	79	74	22	15	5.8	6.2	6.8	6.3	202	45	7	15	14	1	—	—	2	4	11
Dez.	1.6	4.3	2.3	2.9	−4.4	29	10.2	19	66	56	71	64	22	20.29	4.5	5.5	3.6	4.5	30	9	1	8	8	5	—	—	2	6	6
Jahr	9.7	14.7	10.7	11.5	−4.4	I. XII	32.0	VIII	71	52	67	63	21	III. V	5.1	5.8	4.3	5.0	1222	88	VIII	97	91	8	—	? 9	9	78	82

$\lambda = 8°19'$, $\beta = 47°22'$, $H_b = 381^m$, $h_r = 9.6^m$. **Baden.** Beobachter: **J. Casanova. H. Bütschi.**

Jan.	−1.1	1.0	−0.4	−0.1	−11.1	22	6.3	10	78	69	76	74	50	28	9.0	9.2	8.6	8.9	54	16	8	16	13	9	—	—	1	0	23
Febr.	2.3	5.5	3.4	3.7	−2.3	21	9.3	27	79	60	73	71	35	24	8.9	7.3	7.9	8.0	103	14	18	16	15	—	—	—	3	0	13
März	3.1	8.5	4.5	5.1	−1.5	20	17.3	24 25	77	51	73	67	30	25	7.6	7.1	4.2	6.3	52	11	9	11	11	—	—	—	3	3	8
April	5.3	11.9	8.9	8.8	0.9	5	18.7	26	78	51	64	64	26	26	—	—	—	?	62	14	16	13	11	—	—	—	1	?	?
Mai	10.2	16.9	12.4	13.0	3.7	13	27.7	5	—	—	—	?	—	—	—	—	—	?	63	13	30	16	15	—	—	—	1	?	?
Juni	10.6	15.5	12.0	12.5	5.5	18	25.9	10	—	—	—	?	—	—	—	—	—	?	64	20	16	13	13	—	—	1	0	?	?
Juli	17.5	25.1	? 21.0	21.1	11.6	4	31.8	13	—	—	—	?	—	—	—	—	—	?	31	14	31	9	9	—	—	3	0	?	?
Aug.	15.3	23.0	16.5	17.8	6.6	29	32.9	10	84	41	84	70	28	10	4.9	3.2	3.1	3.7	46	10	22	9	8	—	—	2	5	10	3
Sept.	10.7	17.9	12.0	13.2	7.6	2.3 20 27	25.6	12	94	58	91	81	35	3	5.6	4.6	4.2	4.8	56	20	23	10	8	—	—	—	4	8	8
Okt.	9.1	13.4	9.3	10.3	0.5	18	19.5	25	95	77	95	89	49	2	.2	7.1	6.7	7.0	152	28	21	14	14	—	—	—	11	1	12
Nov.	2.8	5.5	3.5	3.8	−6.1	23	13.9	5	95	87	94	92	56	15.19	7.9	7.5	7.7	7.7	125	24	25	18	17	1	—	—	1	0	16
Dez.	? 0.8	? 1.6	0.7	? 1.0	?	?	?	?	96	91	90	95	67	19	9.4	9.4	9.4	9.4	183	36	26	18	18	? 8	—	—	0	1	27
Jahr	7.2	12.1	8.7	? 9.2	−11.1	I	32.9	VIII	-	—	—	?	26	IV	—	—	—	?	991	36	XII	163	152	? 18	—	? 6	30	?	?

$\lambda = 6°54'$, $\beta = 47°4'$, $H = 800^m$, $h_r = 1.7^m$. **Cernier.** Beobachter: **Ecole cantonale d'Agriculture.**

Jan.	−2.4	0.5	−1.6	−1.3	−10.2	24	4.2	31	-	—	—	—	—	—	7.8	7.5	6.8	7.4	—	—	—	—	—	—	—	—	1	3	17
Febr.	−0.1	3.6	1.5	1.6	−5.8	21	6.8	2	—	—	—	—	—	—	8.5	8.7	8.3	8.5	—	—	—	—	—	—	—	—	2	1	17
März	1.8	5.6	2.7	3.2	−2.3	19	12.4	23	—	—	—	—	—	—	7.6	7.5	6.4	7.2	—	—	—	—	—	—	—	—	0	2	15
April	4.7	10.3	6.3	6.9	−0.1	10	16.4	11	—	—	—	-	—	—	6.8	6.8	5.3	6.3	—	—	—	—	—	—	—	—	1	3	12
Mai	8.6	12.9	9.8	10.3	2.6	11 12	23.2	7	—	—	—	—	—	—	4.8	5.9	6.0	5.6	—	—	—	—	—	—	—	—	0	7	10
Juni	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juli	16.1	23.0	18.8	19.2	10.0	28.31	29.0	14	—	—	—	—	—	—	3.6	3.3	3.1	3.3	—	—	—	—	—	—	—	—	0	14	3
Aug.	13.3	21.1	16.2	16.7	8.1	29	29.8	10	—	—	—	—	—	—	2.7	2.1	1.7	2.2	—	—	—	—	—	—	—	—	0	18	1
Sept.	9.9	14.7	11.2	11.7	5.0	18	*21.0	10	—	—	—	—	—		4.6	5.2	2.9	4.2	—	—	—	—	—	—	—	—	0	11	5
Okt.	8.1	11.4	8.5	9.1	−0.5	15	18.8	25	—	—	—	—	—	—	6.8	6.4	6.1	6.4	281	73	13	15	15	1	—	—	0	4	14
Nov.	0.9	4.0	1.1	1.8	−8.0	22.23	12.4	2	—	—	—	—	—	—	8.6	8.3	6.7	7.9	140 ?	31	6	15	15	5	—	—	4	2	18
Dez.	−1.4	0.4	−1.2	−0.9	−9.0	31	5.2	27	—	—	—	—	—	—	8.7	8.6	8.1	8.5	341	100	26	15	15	12	—	—	4	1	23
Jahr	—	—	—	—	−10.2	I	29.8	VIII	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fünftägige Temperaturmittel von 15 Normalstationen.

1923	Basel	Neuchâtel	Genf	Bern	Zürich	Altstätten	Altdorf	Lugano	Sitten	Chaumont	Bevers	Rigi-Kulm	Pilatus-Kulm	St. Gotthard	Säntis
1.–5. Januar	3.8	1.6	2.7	1.0	2.1	1.0	1.8	2.6	−0.7	−1.6	−11.1	−4.0	−5.9	−7.5	−9.0
6.–10. »	3.7	2.6	3.0	1.3	2.6	1.9	1.9	2.8	0.0	−1.1	−7.4	−2.6	−4.9	−5.9	−8.2
11.–15. »	1.3	0.7	1.4	−0.7	−0.3	0.2	1.0	3.1	−0.7	−4.2	−9.0	−8.1	−9.9	−14.6	−13.5
16.–20. »	−0.5	−1.2	−0.8	−2.7	−2.1	−2.6	−2.1	3.5	−4.8	−6.4	−13.1	−10.1	−12.3	−14.1	−15.9
21.–25. »	−1.8	−2.0	−1.5	−4.8	−2.9	−3.0	−3.7	1.5	−4.2	−4.4	−12.8	−7.5	−8.1	−8.8	−9.7
26.–30. »	2.2	0.9	0.5	−0.7	1.1	0.6	−0.8	2.3	−3.7	−1.9	−9.3	−3.9	−3.9	−5.2	−6.5
31.–4. Februar	6.9	4.2	4.5	2.1	5.3	3.8	2.0	4.5	2.1	3.3	0.2	0.3	−0.9	−0.9	−4.4
5.–9. »	4.8	3.0	4.1	2.2	3.4	2.8	3.6	3.6	2.6	0.5	−6.7	−2.0	−3.2	−6.1	−6.5
10.–14. »	3.6	1.8	2.7	1.5	1.7	1.7	2.7	4.5	3.3	−1.1	−5.2	−3.4	−5.1	−7.1	−9.1
15.–19. »	4.6	3.5	3.9	2.9	3.8	3.1	3.5	3.7	3.3	0.0	−4.5	−3.5	−4.6	−6.4	−9.3
20.–24. »	4.9	3.1	4.0	2.2	3.8	2.8	3.6	3.7	3.1	−1.1	−9.0	−5.6	−6.8	−7.8	−10.2
25.–1. März	7.6	4.8	6.1	4.8	5.8	5.8	5.5	6.0	4.4	0.0	−4.4	−3.3	−3.9	−4.8	−8.2
2.–6. »	5.2	3.6	5.3	3.5	3.7	4.4	5.2	9.2	4.2	−1.3	−3.6	−4.0	−4.7	−7.1	−8.9
7.–11. »	4.6	3.0	4.1	2.3	3.0	3.9	3.6	6.4	4.5	−1.4	−7.1	−5.8	−6.1	−7.7	−10.2
12.–16. »	3.9	3.2	3.8	1.7	2.3	3.2	3.2	6.6	3.6	−2.2	−6.1	−5.6	−6.3	−7.4	−8.3
17.–21. »	4.6	3.7	4.9	2.8	3.3	3.7	3.9	6.9	6.9	1.6	−4.3	−1.6	−1.5	−3.7	−4.4
22.–26. »	10.8	9.7	9.7	9.1	10.3	9.8	10.3	10.1	10.8	7.5	−0.8	1.8	0.8	−0.7	−2.1
27.–31. »	10.3	9.5	9.7	8.7	9.6	10.0	9.9	11.7	10.3	5.9	−1.3	1.3	0.0	−0.4	−2.9
1.–5. April	9.5	9.0	9.1	7.7	8.3	7.5	8.2	9.1	10.9	6.0	−1.1	0.8	−0.9	−1.7	−4.2
6.–10. »	7.6	7.9	8.6	6.2	6.9	6.9	7.9	9.4	9.7	3.5	−0.2	0.1	−0.9	−2.0	−4.4
11.–15. »	11.1	9.7	9.6	9.2	10.1	11.1	11.1	10.7	11.7	6.8	2.2	2.5	0.9	−1.1	−1.9
16.–20. »	8.1	8.2	8.5	7.1	6.1	6.3	7.9	10.6	10.0	5.1	0.8	−1.3	−2.1	−3.4	−6.1
21.–25. »	10.2	10.2	9.8	9.4	10.5	10.1	10.1	10.5	11.4	5.4	3.1	1.3	−0.5	−1.3	−3.1
26.–30. »	10.6	9.9	10.2	9.3	9.8	10.5	10.4	11.6	11.1	5.8	3.4	0.8	−0.3	−1.0	−3.7
1.–5. Mai	17.3	16.7	15.4	16.2	16.6	16.0	15.7	17.8	18.0	14.1	7.5	9.0	7.7	6.9	3.0
6.–10. »	17.7	16.1	17.5	15.8	17.2	17.2	16.7	18.7	18.0	13.3	9.2	9.6	7.5	6.9	4.5
11.–15. »	9.8	9.3	10.0	9.0	9.9	10.2	10.4	14.2	11.6	4.2	4.7	0.7	−0.6	−0.3	−3.9
16.–20. »	10.1	9.2	9.6	8.5	9.3	9.8	9.7	14.7	11.7	4.4	4.2	0.8	−0.4	−1.6	−4.2
21.–25. »	14.2	14.1	15.6	13.7	14.4	15.2	15.9	18.1	16.2	9.5	8.9	5.9	4.8	4 9	2.0
26.–30. »	11.0	10.0	10.7	9.3	10.8	13.0	11.5	14.2	11.1	4.6	7.5	2.5	2.2	2.2	0.6
31.–4. Juni	14.4	14.7	14.8	13.6	14.4	14.9	14.7	17.2	16.0	10.2	9.0	6.2	5.2	5.2	1.8
5.–9. »	12.2	12.5	12.8	11.1	11.5	11.3	11.0	17.0	14.1	7.2	5.6	2.4	1.3	0.5	−3.1
10.–14. »	15.0	15.3	15.9	14.4	14.7	14.3	14.7	19.3	17.2	10.0	10.0	5.9	4.5	3.7	1.1
15.–19. »	10.3	10.3	11.3	9.0	9.2	9.1	9.6	15.2	11.6	4.4	3.8	0.1	−1.1	−1.7	−4.5
20.–24. »	14.2	14.1	15.0	13.5	13.5	14.1	13.5	18.6	16.3	9.5	9.3	5.0	3.9	3.0	0.4
25.–29. »	13.8	14.7	15.4	13.6	13.8	13.8	14.1	17.0	16.1	10.0	8.0	4.9	3.2	2.8	0.2
30.–4. Juli	17.9	19.2	18.8	17.6	16.9	17.0	17.0	20.1	19.7	14.0	10.8	8.7	7.2	7.1	3.0
5.–9. »	23.0	23.4	21.6	21.7	21.4	21.6	21.1	23.3	23.6	18.5	15.3	14.6	12.2	12.5	9.7
10.–14. »	25.6	25.5	23.6	23.9	24.0	23.8	23.0	25.2	25.3	22.1	17.3	17.9	15.5	15.7	13.5
15.–19. »	20.4	20.0	20.8	18.9	19.1	19.3	19.3	22.9	21.0	17.2	14.2	11.8	10.0	10.5	6.9
20.–24. »	21.3	22.1	21.0	19.7	20.0	19.7	19.4	23.0	21.5	21.4	13.9	12.3	10.2	10.3	6.7
25.–29. »	19.3	20.6	21.0	19.4	18.6	19.0	19.3	23.0	22.4	17.7	14.3	10.0	9.2	10.5	5.0
30.–3. August	19.9	20.4	20.9	18.8	19.3	19.2	19.4	23.4	20.4	15.9	14.0	11.0	10.3	11.6	6.1
4.–8. »	21.0	22.6	21.7	20.8	20.2	19.6	20.4	24.6	22.5	18.7	14.7	14.0	13.6	13.1	9.3
9.–13. »	22.9	24.6	23.4	22.7	22.6	22.0	22.1	25.9	24.5	20.9	16.5	16.5	15.7	15.6	11.8
14.–18. »	19.6	21.2	21.9	19.2	19.2	18.2	18.5	22.7	20.9	17.7	13.6	11.9	11.1	11.2	6.7
19.–23. »	17.1	17.5	18.7	16.4	16.4	16.2	16.4	20.7	17.7	13.3	10.5	9.0	7.4	7.4	3.5
24.–28. »	16.0	15.0	16.1	14.0	15.1	15.4	15.4	20.1	15.9	10.6	9.7	8.2	6.5	6.7	3.2
29.–2. September	13.2	14.0	12.5	12.4	13.5	13.0	13.3	18.6	14.7	10.1	9.5	6.1	5.5	5.0	2.4
3.–7. »	13.9	15.7	17.6	13.4	13.7	13.3	13.4	17.2	15.1	9.8	8.3	6.1	4.8	3.5	1.1
8.–12. »	17.9	17.3	16.8	16.1	17.4	16.2	16.4	19.5	17.7	10.7	10.3	10.6	9.3	8.3	6.0
13.–17. »	16.9	17.1	16.6	15.4	16.9	17.2	17.6	17.3	17.0	10.5	9.1	9.9	8.3	6.2	5.5
18.–22. »	12.9	12.7	14.7	11.6	11.9	10.8	11.2	13.5	12.2	7.9	5.9	2.9	2.9	1.7	−1.9
23.–27. »	12.3	12.9	13.4	11.4	12.4	12.3	13.1	15.5	12.4	8.7	5.8	5.4	4.2	3.2	−0.4
28.–2. Oktober	13.6	15.4	14.7	13.6	15.0	14.0	12.6	17.4	15.2	11.0	7.8	11.1	9.6	9.2	5.8
3.–7. »	9.5	8.3	8.4	7.7	8.4	8.0	8.7	11.5	9.3	3.0	0.6	−0.2	2.8	−1.6	−4.8
8.–12. »	14.7	13.8	13.3	12.4	13.3	12.4	10.8	13.6	10.8	9.5	4.8	6.2	5.2	4.0	1.3
13.–17. »	7.9	8.1	8.6	7.1	7.6	7.2	9.0	12.7	8.7	4.6	1.7	0.8	−0.1	−1.9	−4.2
18.–22. »	13.7	12.2	13.1	11.0	12.4	12.4	12.5	12.0	12.7	11.2	5.7	8.5	8.0	4.3	3.9
23.–27. »	15.4	13.4	15.4	12.9	14.4	15.3	15.6	15.7	13.2	11.9	8.9	8.1	6.5	5.1	3.0
28.–1. November	11.7	9.9	10.5	9.7	10.7	11.0	11.6	12.8	12.0	10.1	5.6	8.3	7.2	4.9	3.9
2.–6. »	8.5	8.4	8.9	7.3	7.8	7.4	7.8	11.3	9.6	4.7	4.1	1.4	0.6	1.0	−2.2
7.–11. »	3.4	3.1	4.0	1.6	2.4	2.2	5.1	6.8	5.9	−1.1	−2.2	−2.7	−3.4	−5.6	−7.0
12.–16. »	7.2	6.3	7.3	5.4	5.8	4.4	6.1	9.5	7.4	4.9	0.2	2.0	0.9	−1.8	−2.9
17.–21. »	4.4	3.4	3.9	2.6	3.6	3.3	3.9	4.5	2.6	−1.9	−6.4	−5.5	−6.8	−8.1	−10.9
22.–26. »	−1.2	0.0	−0.3	−1.0	0.0	0.3	1.6	4.0	0.8	−2.6	−5.4	−4.5	−5.3	−7.3	−9.3
27.–1. Dezember	2.2	2.8	3.5	1.4	2.7	3.5	4.6	7.5	5.0	0.5	−0.8	−1.5	−2.4	−3.3	−5.1
2.–6. »	3.3	2.7	3.9	0.9	1.9	2.3	2.5	4.6	1.1	−1.7	−7.7	−5.0	−6.5	−8.1	−9.7
7.–11. »	3.1	2.2	3.5	1.3	1.6	1.0	3.2	4.0	0.0	−1.4	−7.8	−1.8	−4.1	−5.9	−7.9
12.–16. »	0.8	0.4	1.6	−0.6	−0.2	0.0	1.5	3.7	−0.6	−3.8	−8.3	−3.1	−4.6	−5.7	−7.1
17.–21. »	2.2	1.0	1.5	0.0	0.7	0.1	0.8	3.6	0.0	−3.8	−7.8	−7.5	−8.4	−10.1	−12 6
22.–26. »	1.7	0.2	2.0	0.2	0.5	−0.4	1.2	2.9	0.7	−4.8	−7.5	−7.7	−8.9	−10.7	−13.5
27.–31. »	−0.3	0.5	2.1	−0.3	−1.0	−1.7	0.8	1.7	0.9	−3.9	−7.7	−7.4	−8.5	−9.8	−13.2

Anmerkung: Den Pentadenmitteln von Genf liegen die aus den acht 3stündigen Zeitintervallen gebildeten Tagesmittel zugrunde, denjenigen der übrigen Stationen dagegen die aus den bezüglichen Terminablesungen (ohne Reduktion) gebildeten rohen Mittel.

Temperatur-Minima 1923.

Tag	Januar							Februar							März						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	0.9	1.3	2.0	2.6	2.4	-12.6	0.5	2.6	3.4	1.5	7.0	1.2	-2.2	-0.2	3.4	3.0	3.0	4.2	4.0	-15.5	0.3
2	-0.2	-1.3	-1.3	1.8	-1.1	-20.9	-1.5	2.4	2.9	0.6	6.5	2.2	0.9	2.2	2.6	2.5	3.5	2.5	1.9	-17.2	1.4
3	-3.2	-1.5	-1.5	0.8	-1.7	-23.7	-2.5	-1.5	0.0	-2.3	5.1	-0.6	-6.9	0.0	2.5	1.1	3.0	3.5	1.3	-5.5	1.3
4	0.3	-0.1	1.0	2.8	0.4	-14.6	-0.2	-1.6	-0.4	0.0	4.0	-1.2	-12.1	1.2	2.1	1.3	2.2	2.9	1.8	-7.7	0.8
5	1.1	-0.3	2.5	3.2	0.9	-18.5	-1.5	1.4	1.4	2.4	4.2	1.7	-9.4	2.8	1.5	1.9	3.8	3.0	3.0	-8.4	4.7
6	-3.0	-1.1	-2.3	-0.8	-1.5	-16.0	1.0	-1.0	-0.2	0.0	0.8	-1.2	-12.9	3.0	1.8	-0.1	0.0	3.1	3.0	-8.6	10.5
7	-2.0	-0.8	0.4	1.0	0.6	-12.0	1.0	-2.5	-2.4	-1.6	0.1	-2.0	-17.1	0.0	0.0	-0.4	0.4	2.1	1.3	-16.5	0.8
8	0.4	0.6	1.2	1.6	0.4	-11.8	0.5	-1.0	-1.3	0.2	3.2	-1.4	-15.3	-2.2	0.9	1.0	3.0	3.0	1.9	-13.9	1.4
9	1.6	0.6	2.6	3.3	1.7	-9.2	0.6	1.7	0.4	1.0	3.6	2.3	-7.1	0.0	1.6	1.2	2.2	3.6	1.8	-16.4	2.4
10	2.0	2.4	2.5	3.6	1.2	-16.6	-2.5	-2.6	-2.8	-2.2	-1.0	-0.6	-13.0	0.5	0.4	0.5	1.6	2.1	2.4	-12.7	2.6
11	0.0	-0.1	0.0	1.1	0.7	-17.5	-1.5	2.0	1.0	1.8	2.6	1.2	-7.8	1.5	-0.7	-0.3	1.7	1.6	2.1	-17.4	2.0
12	-0.9	-1.3	0.8	-0.6	0.7	-9.8	2.0	0.5	1.5	1.5	3.4	1.4	-5.3	1.5	0.5	-0.6	1.7	1.0	1.8	-8.7	1.3
13	-1.6	-1.2	1.0	-0.9	-0.3	-14.4	0.8	0.0	-1.6	-1.0	2.2	1.8	-9.0	1.5	-1.7	-0.6	-0.6	1.6	-0.3	-18.4	-0.6
14	-3.8	-4.6	-1.5	-1.5	-0.8	-22.9	-2.0	-0.4	-0.4	0.8	0.8	1.4	-17.0	-0.5	0.8	1.1	3.6	2.3	1.8	-13.6	0.3
15	-2.1	-1.7	-1.5	-0.4	-1.1	-12.5	-3.5	-0.1	-0.5	-0.6	0.0	0.2	-17.6	-1.0	-0.5	-0.5	1.8	1.0	1.3	-8.5	0.6
16	-0.3	-1.0	-1.8	-0.6	1.2	-9.9	1.0	-0.1	0.1	-0.2	1.8	0.8	-11.4	1.5	1.0	1.4	1.0	3.5	2.0	-15.6	0.5
17	-4.5	-3.2	-1.0	-1.7	-5.3	-16.6	1.0	1.3	0.8	0.8	3.4	3.3	-12.0	0.0	-3.0	-1.5	-1.8	0.2	-0.5	-13.6	1.0
18	-4.3	-4.0	-5.5	-2.3	-5.4	-25.5	-2.5	1.6	2.0	2.5	1.0	1.5	-7.8	-1.5	0.3	0.0	1.0	0.5	0.5	-12.8	1.8
19	-7.8	-5.8	-5.3	-4.0	-6.4	-26.4	1.5	0.7	1.4	2.0	0.9	2.3	-5.8	-1.0	-1.9	-2.6	0.9	-1.4	0.7	-15.6	-0.3
20	-7.9	-6.6	-6.3	-5.0	-6.9	-25.2	-3.5	-0.2	-0.6	0.0	3.0	1.0	-12.1	-0.5	-0.8	-1.5	1.8	0.5	0.6	-12.7	0.7
21	-2.5	-2.4	-2.2	-0.4	-4.1	-17.6	-0.8	-2.3	-3.1	-2.1	-1.0	-1.3	-21.1	0.0	2.9	2.1	5.0	1.1	3.6	-5.1	3.5
22	-9.7	-5.7	-6.8	-6.2	-8.0	-26.0	-4.0	1.4	-0.9	2.3	2.5	1.2	-14.8	-1.5	5.5	3.9	5.8	6.0	3.8	-2.9	0.4
23	-10.7	-7.0	-8.0	-5.9	-6.1	-21.9	-4.5	1.2	1.8	2.0	4.0	1.6	-16.1	-1.2	3.1	2.4	4.0	4.1	8.0	-3.3	4.5
24	-11.9	-6.5	-5.0	-7.5	-9.2	-24.1	-4.0	-1.1	-0.9	0.0	2.5	-0.4	-20.6	-1.6	3.8	4.5	6.8	6.7	5.7	-6.8	4.5
25	-10.5	-8.1	-7.6	-6.5	-6.4	-14.7	-2.0	-0.6	0.6	3.0	4.0	1.9	-15.0	-1.0	3.4	2.8	3.8	5.0	5.0	-8.9	3.6
26	-5.6	-1.9	-4.7	0.4	-5.8	-13.6	-1.2	2.5	2.4	3.0	5.6	2.7	-7.4	-0.1	4.0	4.1	4.0	5.4	4.0	-9.5	3.8
27	-1.8	-0.6	-0.7	0.6	-2.1	-18.0	-2.5	3.4	3.5	5.0	5.6	4.2	-6.4	0.5	3.5	3.2	3.0	6.0	4.7	-10.2	3.5
28	-3.0	-2.0	-1.0	0.5	-3.2	-20.3	-3.5	3.4	1.9	4.0	5.5	4.3	-12.8	-0.4	3.8	4.8	5.0	6.0	5.3	-0.6	3.5
29	-4.5	-2.6	-3.0	1.2	-6.2	-17.4	-2.5								7.0	6.7	7.0	8.5	2.8	-8.9	4.1
30	0.4	0.5	-0.3	2.5	-3.4	-8.2	-1.0								6.3	6.0	7.2	6.5	1.7	-8.0	5.8
31	1.5	0.8	0.2	3.0	0.7	-5.5	-1.0								2.4	1.6	3.0	4.3	4.7	-6.8	4.1
Mittel	-3.0	-2.3	-1.9	-0.5	-2.6	-18.7	-1.2	0.4	0.4	0.9	2.9	1.1	-11.3	0.1	1.8	1.6	2.9	3.2	2.6	-10.9	2.4

Tag	April							Mai							Juni						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	3.9	3.3	6.0	4.6	6.8	-7.7	4.2	5.5	4.7	6.0	8.0	7.2	-2.7	6.8	10.6	9.3	11.8	11.0	12.5	4.6	12.8
2	2.2	3.8	3.2	3.1	2.8	-9.3	5.5	7.1	6.8	8.0	9.0	8.0	-2.9	8.3	8.3	8.4	9.0	10.2	12.5	4.8	12.0
3	1.6	1.5	3.3	2.7	3.0	-6.6	2.3	8.9	8.4	10.0	11.0	9.9	-2.3	9.5	7.6	8.3	9.8	10.2	9.3	0.7	9.8
4	3.7	4.9	5.8	5.6	4.0	-8.6	3.6	8.8	9.2	10.5	10.0	12.3	1.2	13.0	8.2	8.6	9.5	9.8	9.6	0.4	10.4
5	2.5	1.5	4.9	3.1	6.2	-3.9	5.6	7.8	8.5	9.2	10.7	9.6	-1.8	10.4	6.5	6.8	7.4	8.0	6.5	0.3	8.4
6	4.5	3.5	5.0	7.3	5.0	-4.9	4.8	11.0	11.0	15.0	13.0	13.1	-0.5	10.4	3.5	3.6	3.8	7.0	6.6	-1.7	7.0
7	2.9	3.3	6.8	3.5	7.3	-5.1	4.8	11.5	11.2	13.0	14.0	13.0	0.4	12.7	8.3	8.4	9.0	7.8	8.4	1.8	7.2
8	2.2	2.1	4.2	3.5	3.9	-7.0	5.0	11.6	12.0	14.0	11.8	13.3	0.7	12.5	3.4	5.8	6.6	5.0	4.6	-5.3	7.5
9	0.7	0.7	3.0	1.6	3.5	-3.9	5.0	12.0	15.0	12.3	14.0	13.5	2.8	14.4	6.8	6.4	8.0	7.5	8.3	-3.0	8.0
10	-1.5	-1.1	0.8	-0.6	2.0	-5.2	3.4	3.4	5.6	6.0	7.4	7.5	-2.4	12.3	9.6	9.9	10.5	11.4	12.0	1.2	6.5
11	2.6	2.7	2.8	4.0	3.3	-5.5	4.9	2.5	2.2	4.0	5.4	6.2	-3.5	8.6	12.7	13.2	11.6	13.6	14.1	3.5	14.0
12	8.9	7.8	9.5	10.0	5.6	-2.0	7.5	3.5	4.0	4.7	5.1	5.3	-4.1	5.1	10.4	9.8	12.0	11.2	10.4	1.8	13.0
13	8.6	7.7	6.8	10.0	10.2	1.4	8.6	0.3	1.0	1.4	2.0	4.4	-0.9	5.8	5.7	6.4	6.2	7.5	8.3	-3.4	9.0
14	3.7	4.1	4.5	5.2	5.2	0.0	7.4	7.7	7.1	8.0	8.5	6.8	2.1	9.7	10.4	10.7	10.6	11.5	9.7	3.6	10.0
15	3.2	3.4	3.3	4.5	4.4	-3.6	6.8	4.2	2.9	4.5	5.0	5.7	0.2	9.5	8.5	6.2	7.0	7.5	9.3	0.2	9.5
16	3.1	3.0	4.8	4.7	4.0	-3.9	3.8	3.7	3.3	5.6	7.0	6.2	0.8	9.5	7.7	7.6	8.8	8.1	9.5	0.7	11.8
17	5.5	5.2	5.0	7.0	4.5	-2.4	6.7	3.5	5.4	5.0	8.0	5.0	0.2	8.0	5.4	5.2	6.0	6.4	6.3	-0.9	6.5
18	3.6	3.6	2.0	5.5	5.6	-3.5	5.3	2.8	2.9	6.0	3.6	4.4	-1.1	7.0	3.9	4.0	5.0	5.7	5.2	-3.3	9.5
19	3.7	3.9	5.5	5.0	3.8	-3.1	5.3	2.7	3.5	2.0	4.1	6.2	-5.9	5.0	5.9	5.0	6.3	7.7	6.7	-1.3	8.8
20	2.4	2.9	4.8	3.2	2.8	-5.7	4.0	2.2	2.1	3.0	6.9	6.0	-1.2	5.0	6.9	7.6	7.0	9.4	8.3	1.1	8.5
21	6.4	6.5	7.5	7.5	6.0	-0.4	6.0	6.7	6.6	7.2	9.7	9.2	-0.7	5.0	7.8	7.9	9.0	8.5	9.7	3.0	10.0
22	3.4	4.8	4.2	6.5	4.8	-0.9	6.0	9.0	10.3	11.3	11.7	7.6	-0.7	9.0	9.3	7.9	9.8	8.2	10.2	2.8	9.5
23	7.6	6.6	8.5	8.0	9.3	-2.2	7.3	6.5	7.0	8.8	9.0	9.9	2.9	10.0	10.4	10.6	12.8	12.4	11.1	5.4	13.0
24	7.2	6.4	6.2	7.2	6.7	0.4	5.3	10.9	11.4	12.8	12.2	11.8	1.9	13.4	11.5	12.4	13.4	14.1	11.8	6.4	13.0
25	3.0	1.0	2.4	2.0	4.8	-0.1	4.9	11.3	11.3	12.0	9.7	11.8	5.4	14.5	14.3	13.4	16.0	14.5	14.7	5.9	16.5
26	3.4	2.8	5.0	3.7	4.2	-1.0	6.6	7.4	6.5	8.8	8.6	9.7	2.6	12.2	8.3	9.4	11.8	9.5	10.4	3.5	13.0
27	6.7	6.2	7.0	9.0	8.3	0.8	7.5	5.5	4.3	6.0	5.7	9.5	2.1	10.0	7.0	6.9	9.5	7.5	10.2	0.7	9.4
28	6.1	5.2	6.5	7.0	6.8	0.4	7.4	5.9	5.5	5.0	7.5	6.5	1.2	8.5	6.2	5.6	7.0	6.9	7.9	-1.8	12.8
29	5.1	3.9	4.0	5.9	6.1	-1.9	7.1	4.5	4.6	6.0	7.0	7.1	1.4	10.4	9.2	9.6	9.0	9.0	11.3	2.0	11.0
30	3.6	5.4	6.0	5.6	5.0	-4.2	4.3	6.7	8.0	9.2	10.0	10.3	4.1	11.4	7.1	6.8	8.0	8.6	8.5	1.2	8.5
31								6.6	6.8	8.0	9.5	9.3	0.1	12.0							
Mittel	4.2	3.9	5.0	5.2	5.2	-3.3	5.6	6.5	6.7	7.8	8.6	8.6	0.0	9.7	8.5	8.6	9.1	9.2	9.5	1.2	10.2

Anmerkung: Die absoluten Minima und Maxima von Zürich und Säntis finden sich in den Aufzeichnungen der autographischen Apparate auf pag. 8 und 36.

Temperatur-Minima 1923.

Tag	Juli							August							September						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	8.9	8.5	10.2	11.0	10.3	0.4	8.5	13.6	14.1	16.5	15.3	14.4	8.3	19.5	9.2	10.0	9.8	9.7	9.7	1.9	16.5
2	11.4	12.7	14.0	11.6	14.6	5.9	12.5	8.8	9.1	9.8	10.8	12.6	2.0	14.0	5.0	5.0	5.5	7.5	6.8	1.3	9.7
3	13.2	13.7	13.8	12.7	12.7	5.7	13.0	16.5	16.9	15.8	17.8	16.6	10.1	18.5	9.9	10.4	11.0	10.5	12.1	6.8	14.0
4	11.6	11.9	12.5	12.5	12.3	1.2	13.8	13.6	12.7	15.0	12.9	12.2	5.7	15.5	10.1	10.0	10.8	9.7	10.7	4.6	11.3
5	12.5	12.9	13.8	14.4	14.0	3.1	14.5	10.7	11.7	12.6	11.3	13.7	4.4	17.0	7.0	7.3	8.0	8.0	8.6	−1.6	8.7
6	12.9	14.4	16.0	15.6	14.3	3.6	18.4	11.3	11.9	14.0	12.7	14.8	3.7	15.5	9.0	9.1	13.0	10.0	11.1	5.3	9.9
7	13.2	13.9	16.0	15.0	15.0	4.3	18.2	12.9	14.3	14.0	15.0	14.8	4.8	18.5	7.9	8.8	9.8	8.5	9.7	−0.4	10.0
8	15.4	15.8	17.0	16.0	16.4	6.4	18.5	15.3	15.5	15.5	16.7	16.7	5.8	18.0	8.2	9.1	9.2	9.7	10.3	−0.9	12.0
9	14.8	15.5	15.6	17.0	15.8	5.0	15.0	15.1	14.7	14.6	14.9	18.3	6.4	16.5	9.7	10.5	10.0	11.0	11.7	0.5	12.2
10	15.0	14.7	14.5	18.2	16.8	6.9	17.0	14.3	14.8	15.0	16.8	17.3	5.7	18.0	10.5	11.3	11.8	12.5	11.7	6.8	13.0
11	15.7	16.9	18.0	18.4	18.8	6.2	17.0	16.8	18.1	18.2	18.7	17.6	8.2	20.0	11.5	11.1	10.6	13.5	13.3	5.2	12.5
12	15.7	17.0	16.5	18.0	18.1	8.8	18.0	15.6	16.5	19.0	14.9	17.2	7.3	18.4	10.1	10.2	10.6	12.5	12.3	4.5	12.6
13	18.0	18.3	19.0	20.2	18.8	6.9	18.9	13.8	14.5	15.0	13.6	17.6	5.9	18.6	9.8	10.5	9.8	13.9	11.3	0.9	12.5
14	17.3	17.8	19.0	21.0	20.1	10.9	19.4	13.7	14.9	15.7	14.8	16.3	7.2	18.6	10.0	11.7	12.6	12.9	14.3	0.7	13.0
15	17.3	16.9	17.2	17.4	17.4	7.4	19.5	15.3	16.4	16.8	16.5	18.3	7.9	19.3	13.0	12.7	14.0	14.0	14.2	3.8	13.5
16	16.2	15.8	18.0	17.2	17.3	7.6	16.0	11.6	16.6	18.0	15.2	15.0	8.3	19.1	9.7	11.4	12.0	11.4	11.8	4.5	12.2
17	15.9	15.1	18.0	17.3	16.0	8.5	16.5	8.9	10.0	11.8	9.8	12.3	1.5	16.3	12.4	12.7	14.0	13.0	13.9	5.9	14.4
18	15.2	14.2	15.2	17.0	16.1	10.3	16.5	10.9	14.7	11.8	15.8	11.7	3.1	13.6	9.3	10.1	11.0	11.2	12.4	5.7	16.0
19	14.7	11.4	12.0	14.8	15.3	9.6	11.0	12.1	12.0	14.5	13.3	12.5	5.3	14.4	7.9	8.5	9.0	9.5	7.8	0.2	10.0
20	12.4	11.3	11.6	12.7	13.5	4.7	14.0	10.2	13.1	9.8	12.5	13.0	4.1	12.6	7.7	7.5	9.2	8.5	6.7	−2.6	6.0
21	12.3	14.0	14.0	13.3	13.7	4.3	15.0	10.3	11.0	11.5	12.5	11.9	3.3	12.7	8.3	8.0	10.8	9.0	7.6	−1.0	5.5
22	13.2	14.9	14.0	16.6	15.2	5.2	15.0	14.5	13.7	15.2	14.2	15.0	5.5	15.0	11.1	10.0	10.0	11.6	10.0	−2.4	6.6
23	13.3	13.7	15.0	15.2	16.0	4.9	15.0	11.1	10.2	11.4	11.5	12.8	6.7	12.3	9.4	8.6	9.7	10.0	11.6	4.5	13.0
24	14.0	14.0	15.6	15.1	15.0	5.5	15.5	10.7	10.9	12.8	13.7	13.4	3.9	15.3	7.2	7.5	7.5	9.3	9.3	−1.4	10.4
25	15.2	16.3	17.0	18.4	16.6	7.5	15.0	11.1	11.7	12.2	13.6	12.6	4.5	9.9	4.1	4.6	4.0	6.2	5.8	−4.4	6.5
26	17.0	18.7	18.8	17.5	17.3	7.7	18.5	7.3	8.0	8.8	9.4	9.6	0.3	11.9	8.9	9.9	12.0	10.3	8.2	−1.0	8.0
27	15.8	15.4	15.8	14.1	17.1	9.9	16.0	9.8	8.4	10.2	12.2	12.6	2.4	11.8	6.0	6.7	7.0	7.4	8.3	−0.3	9.5
28	9.6	10.4	11.9	10.5	13.4	2.8	15.5	10.4	11.0	11.0	12.5	13.0	4.7	14.7	5.8	6.9	7.0	8.9	7.4	−1.5	9.0
29	14.0	15.2	16.6	14.6	15.7	5.1	16.5	6.4	7.0	6.5	8.0	9.6	−0.3	11.5	6.4	6.4	7.3	8.3	7.1	−0.9	10.2
30	13.9	14.9	15.0	15.7	15.3	4.7	15.5	11.7	10.3	14.5	13.4	13.3	5.2	16.0	7.6	9.8	8.0	10.2	7.4	0.6	9.5
31	12.8	16.5	15.4	18.8	14.0	5.9	18.5	8.3	9.8	10.2	8.3	12.3	8.4	16.5							
Mittel	13.7	14.6	15.4	15.7	15.6	6.3	15.9	12.0	12.7	13.5	13.5	14.2	5.2	15.8	8.8	9.2	9.8	10.3	10.1	1.5	10.9

Tag	Oktober							November							Dezember						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	9.0	10.0	8.0	11.5	7.7	−0.2	10.8	6.1	7.8	8.3	8.9	6.7	−1.9	7.5	0.3	1.7	3.0	0.0	2.9	−6.2	4.5
2	10.7	14.4	11.0	15.0	11.1	1.0	12.0	7.1	8.2	9.0	8.4	7.0	−1.4	7.0	−0.2	0.5	1.8	−0.5	0.4	−14.3	4.0
3	10.3	10.1	11.2	11.6	10.1	4.1	12.6	5.5	6.5	4.7	6.0	7.4	2.5	7.0	0.4	1.4	2.5	1.6	0.4	−16.4	0.5
4	5.0	3.1	4.3	6.0	6.1	−4.9	9.5	5.0	6.1	4.0	6.5	4.1	−3.0	6.5	−1.0	−2.0	0.0	0.1	−0.6	−13.0	3.0
5	4.4	3.0	4.0	5.3	6.0	−7.6	5.0	3.5	4.6	4.0	4.4	4.5	−3.2	6.0	0.4	1.3	1.2	2.5	1.3	−12.2	0.0
6	5.6	5.4	4.5	7.6	6.3	−3.6	4.0	2.1	4.6	5.0	4.0	2.8	−1.5	7.5	−1.2	0.4	1.3	1.2	−1.6	−16.0	−0.6
7	6.4	6.5	5.2	7.1	6.3	−7.3	5.5	2.2	3.0	2.9	5.2	4.2	−1.8	7.5	−0.3	1.0	2.8	0.0	−1.0	−14.2	−1.0
8	5.9	7.0	6.8	9.5	6.1	−3.5	7.0	0.6	1.4	1.3	1.1	1.3	−6.0	4.0	−2.4	−1.6	−1.8	−0.3	−1.9	−15.2	−1.0
9	8.6	8.6	8.3	9.8	7.8	−1.1	5.5	−2.2	−1.5	−2.0	0.0	−0.1	−12.8	0.0	0.3	0.3	1.4	3.2	−1.1	−14.2	0.4
10	13.2	12.2	11.5	14.6	10.3	3.0	8.0	−0.8	0.8	1.7	1.2	3.0	−9.5	0.5	1.9	2.0	1.8	3.3	1.4	−8.9	3.0
11	12.0	11.1	10.8	15.0	9.2	−0.9	8.0	1.6	2.8	4.0	1.5	3.3	−1.5	0.5	0.0	0.3	2.5	2.0	2.4	−12.1	1.5
12	6.7	9.5	7.8	13.0	6.6	−2.2	13.0	0.4	1.5	4.0	2.6	2.6	−3.4	7.0	−0.7	−0.8	1.3	1.0	1.9	−12.5	3.4
13	9.0	7.3	9.5	9.3	10.2	3.2	13.5	0.2	1.5	4.0	1.9	3.9	−2.9	1.5	−1.7	−1.4	0.0	−0.2	1.5	−12.4	0.0
14	5.5	4.4	4.2	6.8	6.1	0.3	13.5	1.9	4.9	3.0	3.8	3.3	−2.6	8.5	−1.7	−1.8	0.0	−0.2	0.4	−14.9	0.0
15	1.4	0.9	0.6	2.8	5.5	−4.0	7.5	1.0	1.2	1.0	3.0	2.1	−10.5	6.0	−1.2	−1.1	0.0	0.6	0.0	−16.6	0.2
16	2.1	3.0	4.0	2.5	3.7	−6.0	6.0	2.4	2.5	3.5	4.5	2.5	−9.6	2.4	−1.7	−1.4	0.2	−0.5	0.5	−10.9	−1.0
17	3.0	1.5	1.2	1.2	4.7	−5.3	3.5	7.5	6.6	7.6	6.6	7.3	−3.8	1.8	0.8	1.5	0.0	1.5	0.7	−7.2	−2.0
18	0.9	1.0	1.0	1.6	2.6	−6.3	7.5	1.9	2.0	2.8	3.0	4.8	−5.9	1.8	0.3	−0.4	−0.8	2.8	1.9	−12.5	−0.6
19	7.4	6.5	7.5	9.5	3.0	0.4	6.0	0.2	−0.2	−0.2	1.1	0.8	−14.0	1.8	0.0	−0.6	0.8	1.5	0.8	−9.7	−1.0
20	9.3	9.4	11.8	11.5	2.9	−0.2	7.0	−1.7	−0.6	−2.1	0.5	−1.4	−18.4	−3.0	−5.1	−3.5	−2.8	−3.0	−1.9	−12.6	−0.5
21	9.3	10.6	13.0	12.6	1.3	3.2	8.5	−3.0	−2.3	−3.5	0.0	−3.2	−18.9	−2.5	−6.4	−5.9	−4.3	−4.2	−3.2	−14.5	−1.0
22	1.4	1.0	11.8	11.7	11.3	6.2	12.0	−5.5	−4.9	−6.0	−3.2	−2.6	−18.0	−2.4	−4.9	−5.9	−3.5	−3.0	−2.7	−19.8	−3.5
23	9.4	9.6	11.0	9.9	8.3	5.4	12.0	−6.4	−5.5	−6.6	−5.0	−1.4	−9.7	−1.5	−1.9	−1.2	1.0	−1.5	−2.2	−11.7	−2.0
24	9.4	12.1	14.8	11.7	12.5	5.6	12.0	−1.6	−1.1	−1.5	−1.9	−0.1	−9.3	3.0	−0.3	−1.0	0.2	0.5	0.5	−9.4	−2.0
25	12.2	13.3	17.2	14.4	11.8	7.7	14.0	−0.1	−0.8	0.0	−2.4	1.4	−10.5	−1.0	−4.8	−5.3	−2.3	−2.5	0.6	−13.2	−1.5
26	10.4	8.9	11.0	12.0	11.6	7.3	14.8	−0.1	−0.3	0.0	−2.7	0.9	−3.0	1.0	−5.6	−6.2	−3.5	−2.8	−1.8	−17.7	−3.8
27	6.8	7.4	9.0	10.4	10.6	5.9	13.5	0.7	0.4	1.4	0.0	3.3	−0.7	5.2	2.6	2.3	4.0	−0.6	0.9	−4.0	−2.0
28	5.6	6.4	8.2	9.5	10.5	5.3	13.0	0.2	1.2	1.8	−0.1	4.0	0.4	7.0	3.4	1.0	2.8	−0.5	2.3	−7.5	−3.0
29	9.0	8.0	9.0	11.0	9.7	1.7	12.0	−0.2	0.9	1.6	1.0	3.5	−2.2	7.0	−1.9	−2.0	−1.0	−0.4	−1.2	−11.0	−2.0
30	7.9	8.0	8.4	8.0	7.3	−1.3	8.0	0.2	0.5	1.6	2.3	0.8	−10.9	3.0	−2.6	−2.7	−2.2	−0.7	−1.3	−12.0	−1.8
31	5.6	7.4	6.8	9.0	6.0	−1.8	12.5								−8.6	−8.6	−5.8	−8.9	−4.2	−19.1	−3.5
Mittel	7.5	7.6	8.2	9.4	7.8	0.1	9.6	1.0	1.7	1.8	2.7	2.6	−6.5	3.4	−1.4	−1.3	0.0	−0.3	−0.1	−12.6	−0.4

Temperatur-Maxima 1923.

Januar							
Tag	Bern	Neu-châtel	Genf	Basel	Altdorf	Bevers	Lugano
1	3.8	6.4	6.3	6.2	4.7	−2.6	5.5
2	2.5	4.8	4.8	5.9	3.8	−8.9	7.5
3	2.4	3.8	3.8	5.6	3.3	−5.9	5.8
4	2.6	2.6	4.2	4.8	3.3	−2.9	6.0
5	2.6	3.5	4.8	4.0	4.2	−6.6	6.5
6	1.6	4.1	4.2	4.0	4.1	−1.2	5.5
7	2.3	2.2	4.0	4.1	3.7	−1.6	7.2
8	1.8	3.0	3.6	4.2	2.4	−1.1	8.2
9	4.3	5.0	6.8	7.5	5.6	0.4	6.5
10	5.9	5.2	7.2	7.5	5.4	−5.2	5.0
11	1.8	3.0	4.4	5.7	4.0	−4.3	5.5
12	−0.3	2.2	3.2	2.5	1.8	−4.6	7.5
13	−0.6	2.0	2.8	2.5	2.3	−5.0	6.0
14	−1.0	1.2	1.8	1.1	1.0	−10.7	5.5
15	2.5	3.4	3.7	4.0	4.8	0.0	11.5
16	2.3	2.0	4.5	5.0	3.4	−3.1	12.0
17	−1.3	1.0	3.4	0.6	0.8	−7.9	5.5
18	−1.5	1.2	1.0	0.4	−0.3	−10.6	4.6
19	−2.9	0.0	0.2	−0.5	−1.1	−10.5	5.5
20	−0.3	0.0	−0.1	2.5	0.3	−4.2	4.5
21	0.4	2.6	2.6	2.0	0.7	−3.9	5.4
22	−2.3	1.8	1.0	1.0	−0.9	−12.2	4.8
23	−0.2	2.6	3.1	3.2	0.6	−3.4	10.0
24	−2.6	0.0	1.5	0.5	−1.1	−7.6	7.5
25	1.8	3.0	1.4	2.1	0.5	−0.6	8.0
26	0.8	2.2	2.4	2.5	1.4	−2.0	8.5
27	−0.1	0.7	1.8	2.2	0.6	−3.9	6.8
28	0.0	1.0	1.2	3.6	0.6	−2.5	6.0
29	1.4	2.5	1.1	5.5	1.4	−0.5	6.5
30	3.2	3.2	5.7	4.8	2.9	0.4	9.0
31	4.1	6.1	11.0	8.8	3.4	−0.3	6.0
Mittel	1.3	2.9	3.8	3.6	2.4	−4.8	6.8

Februar							
Bern	Neu-châtel	Genf	Basel	Altdorf	Bevers	Lugano
4.8	7.7	8.3	10.0	3.6	6.3	17.0
8.5	10.7	10.2	8.4	5.7	8.6	12.5
2.2	2.8	3.6	9.4	2.5	5.4	9.5
2.2	3.9	4.6	8.0	3.6	4.0	6.0
3.4	5.0	5.8	7.1	5.0	0.6	7.4
3.4	6.9	5.3	4.5	3.5	−2.4	7.5
6.5	6.0	6.8	8.0	6.0	0.3	7.0
7.0	7.1	7.4	9.6	12.9	−1.0	7.4
6.5	8.9	9.7	9.5	6.9	1.7	5.5
4.9	3.1	6.2	8.5	5.4	1.8	9.0
4.5	4.2	4.3	5.5	5.1	2.7	6.5
1.8	4.2	5.3	5.5	3.0	2.1	12.5
4.2	3.3	6.4	5.5	5.4	−0.2	8.0
2.1	3.2	4.2	6.0	4.5	−2.6	6.5
4.9	5.9	7.5	6.6	3.5	−0.6	4.5
5.8	5.1	7.8	9.0	7.0	2.8	7.0
5.9	5.3	7.7	8.3	7.3	1.4	9.0
7.2	6.7	10.0	7.5	6.7	0.6	10.5
4.2	7.0	7.0	7.6	5.3	−0.7	7.5
4.6	7.6	7.3	7.1	5.7	0.8	7.0
3.8	4.7	6.7	8.0	5.2	−2.4	9.0
8.4	9.1	10.6	9.5	7.8	0.0	12.3
7.3	9.0	9.8	9.5	6.5	−2.2	8.2
4.4	4.3	6.0	9.0	9.3	0.3	8.5
5.8	5.0	7.3	8.8	6.5	2.4	11.6
8.5	7.0	10.0	12.4	8.6	3.5	12.1
8.7	7.8	10.2	12.0	8.9	1.3	9.1
7.9	7.8	10.2	10.5	10.6	2.1	17.0
5.3	6.0	7.4	8.3	6.1	1.3	9.1

März						
Bern	Neu-châtel	Genf	Basel	Altdorf	Bevers	Lugano
6.7	7.2	8.4	10.1	6.5	2.1	13.8
6.6	6.0	11.0	11.3	10.1	2.5	13.3
6.3	5.3	11.4	9.0	9.9	0.7	10.2
4.7	4.1	6.8	6.5	6.0	0.9	13.8
3.5	5.0	6.7	5.2	5.5	2.5	16.6
7.0	9.0	8.2	8.0	7.0	0.3	15.7
5.0	5.7	8.5	8.7	5.4	3.3	15.2
6.8	4.2	6.8	8.6	7.5	1.8	11.7
6.3	5.2	6.9	7.7	6.3	1.5	10.3
4.9	7.1	8.4	5.5	4.8	0.3	11.0
3.0	4.4	5.3	5.8	4.8	−0.8	13.2
4.3	7.7	7.0	5.8	4.5	−1.3	13.5
3.6	7.3	6.3	6.5	6.2	1.1	16.5
2.0	3.9	4.8	6.3	4.6	1.8	15.3
3.3	4.1	6.7	7.0	5.3	1.8	10.0
5.3	8.1	7.8	9.0	7.9	4.5	16.0
6.3	8.3	8.0	7.9	8.7	4.7	16.5
5.5	8.0	8.3	7.0	8.0	2.2	10.3
3.0	4.0	6.2	7.0	7.6	1.9	13.2
10.4	9.6	9.0	12.4	9.7	3.6	11.0
9.1	8.0	9.0	12.3	10.0	2.7	11.2
13.0	14.2	16.0	14.5	17.7	3.4	11.5
15.0	17.7	14.8	17.5	17.0	4.6	14.2
15.4	17.4	17.0	18.2	20.8	4.9	15.6
16.0	17.2	16.0	18.7	22.0	7.0	18.3
16.2	17.9	15.2	19.0	22.0	7.3	19.7
16.4	18.1	15.7	19.1	22.5	6.2	19.5
15.2	17.4	18.2	16.6	16.0	7.2	19.7
10.2	11.7	12.2	11.0	12.3	8.0	20.0
11.7	13.0	13.7	13.5	13.0	6.8	19.8
14.1	14.5	16.8	15.2	14.3	5.8	17.4

April						
1	13.4	16.0	14.6	15.5	13.5	6.5	19.0
2	11.6	13.1	13.0	14.6	16.6	4.8	13.2
3	14.2	15.1	18.3	15.8	13.4	4.8	17.4
4	13.0	16.0	14.0	15.0	16.1	3.6	11.6
5	13.3	14.2	11.3	16.6	14.7	4.0	15.0
6	14.1	17.2	14.6	17.0	16.4	4.2	13.5
7	13.7	16.9	16.0	16.1	17.2	3.8	15.0
8	7.6	10.6	11.8	10.1	9.6	4.4	16.0
9	7.9	9.5	13.6	7.9	8.3	5.4	10.8
10	15.0	16.1	14.3	16.0	18.8	7.6	19.0
11	19.5	20.3	16.9	22.0	24.4	9.1	20.2
12	18.8	21.3	19.7	22.0	21.7	10.3	20.1
13	14.8	14.0	12.8	17.7	18.4	7.5	11.8
14	9.4	8.2	10.6	10.6	11.6	6.8	13.5
15	8.6	9.9	10.6	10.7	6.6	1.5	14.2
16	9.6	9.9	11.8	12.6	9.4	4.0	20.2
17	10.7	12.0	12.7	12.0	6.7	3.2	18.8
18	12.8	13.8	12.7	12.5	14.5	7.9	18.8
19	12.2	13.3	14.6	12.5	18.0	8.2	15.6
20	12.4	14.0	12.7	14.1	14.3	5.2	9.0
21	12.8	12.0	10.3	11.5	16.0	1.8	10.4
22	17.0	18.6	15.8	17.0	20.3	8.5	19.2
23	14.9	16.1	16.8	18.0	15.3	8.4	18.9
24	9.8	11.0	11.0	13.2	9.3	9.1	18.4
25	14.5	14.9	16.0	16.5	17.1	8.1	18.0
26	18.6	18.2	19.7	22.5	20.0	7.9	19.2
27	10.2	10.2	11.0	15.2	10.8	7.3	13.8
28	9.7	10.1	11.7	12.0	9.4	5.5	18.8
29	12.2	11.5	14.8	14.5	12.6	5.5	17.3
30	17.0	17.7	19.2	17.0	17.9	9.7	20.7
Mittel	13.0	14.6	14.1	14.9	14.6	6.2	16.2

Mai							
1	22.0	21.1	19.0	22.2	25.0	13.9	23.7
2	24.4	24.8	20.0	26.5	28.3	16.5	25.6
3	23.9	24.3	22.7	23.5	22.8	15.1	28.3
4	22.2	24.7	20.5	24.0	22.5	13.4	24.1
5	24.9	25.5	25.6	27.4	28.6	16.0	24.8
6	26.0	27.7	28.7	29.5	30.5	18.2	25.7
7	27.0	27.7	28.0	30.0	30.7	18.5	27.4
8	25.7	26.1	27.0	28.7	29.9	18.9	27.0
9	18.3	17.2	20.0	23.6	20.3	17.3	24.8
10	12.1	10.3	14.2	16.2	13.0	9.2	20.2
11	12.4	12.8	13.9	14.5	19.5	5.6	20.7
12	13.6	11.0	14.3	12.6	17.3	8.1	18.5
13	15.4	15.9	16.6	17.0	17.8	10.2	21.5
14	13.5	13.5	15.0	14.5	18.0	10.9	21.1
15	14.2	15.5	14.3	16.7	19.4	11.5	21.8
16	13.9	10.5	14.3	14.0	19.5	12.4	20.0
17	13.5	13.6	16.0	16.0	14.3	8.3	22.0
18	11.9	15.6	12.8	13.6	13.2	5.1	20.0
19	12.0	12.2	16.4	11.4	11.7	6.3	16.5
20	16.2	17.1	17.5	18.0	16.0	8.9	18.0
21	19.6	16.1	21.2	19.5	19.4	12.5	22.0
22	17.5	19.2	21.0	19.5	20.0	14.9	23.5
23	21.2	22.8	23.4	22.0	23.2	15.9	25.5
24	19.4	19.0	24.6	18.5	19.5	15.2	23.5
25	13.6	14.8	15.0	13.0	20.1	12.5	22.0
26	10.3	10.7	12.6	12.0	14.3	11.3	18.6
27	14.6	17.6	17.0	18.0	14.7	11.9	14.5
28	8.7	9.5	13.0	11.9	12.5	9.4	13.0
29	15.4	17.3	15.3	16.9	16.8	14.9	22.2
30	14.8	16.1	16.2	17.5	19.4	14.9	17.0
31	20.3	21.4	20.6	20.8	26.7	16.3	25.4
Mittel	17.4	17.8	18.6	19.0	20.2	12.7	21.9

Juni							
1	19.8	21.7	19.7	22.0	21.4	16.4	25.0
2	20.3	23.0	22.0	20.7	25.3	14.0	23.0
3	20.5	21.9	22.2	21.7	20.6	15.5	25.0
4	12.9	13.9	17.2	14.5	15.2	12.8	21.5
5	10.6	12.1	14.3	13.8	10.7	5.9	22.2
6	12.3	13.3	16.0	14.2	14.0	7.8	22.2
7	13.3	15.1	15.8	15.7	11.2	8.3	24.2
8	19.0	20.8	19.6	20.4	26.5	14.1	21.5
9	23.1	24.8	25.1	24.3	28.2	17.9	23.2
10	25.7	26.2	27.4	27.5	30.4	21.0	26.8
11	22.5	23.0	24.3	22.5	23.5	20.7	27.5
12	15.8	19.8	17.9	17.5	20.0	12.6	25.5
13	15.9	14.9	17.8	17.6	18.8	12.3	22.6
14	14.3	14.0	18.2	15.2	15.2	12.2	23.6
15	15.8	19.0	19.2	15.5	17.2	11.7	23.0
16	16.2	16.9	19.1	18.6	14.5	10.3	19.0
17	9.9	10.7	14.0	11.2	10.7	7.0	22.5
18	10.8	11.9	12.4	13.7	9.5	2.5	17.0
19	14.5	15.3	16.8	17.2	14.3	7.6	23.5
20	13.0	11.4	14.6	15.0	13.9	11.2	21.0
21	14.8	17.7	17.3	18.2	13.5	11.2	22.0
22	16.0	16.9	20.0	16.1	16.4	12.9	23.0
23	20.7	21.1	22.2	20.5	16.7	13.9	27.5
24	21.8	25.1	23.6	24.0	24.8	20.0	28.2
25	23.6	25.5	24.4	24.2	22.5	15.4	24.0
26	15.7	16.4	23.7	18.4	15.3	11.7	21.0
27	15.6	18.1	18.0	18.6	18.8	11.5	23.5
28	17.5	19.7	20.0	18.5	17.4	13.2	19.5
29	17.2	17.9	19.4	19.0	16.4	12.2	23.6
30	21.3	24.1	22.0	24.4	23.7	15.1	24.5
31							
Mittel	17.1	18.4	19.5	18.7	18.2	12.6	23.2

Temperatur-Maxima 1923.

Tag	Juli							August							September						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	23.5	26.0	26.6	24.6	22.4	17.2	25.0	21.6	24.5	25.0	23.5	27.3	17.8	30.0	14.7	17.2	18.5	16.5	13.0	12.2	24.2
2	20.3	22.0	26.0	21.5	19.0	16.5	25.0	25.7	27.0	24.0	28.8	28.0	20.8	29.5	16.5	21.0	17.6	18.5	20.1	14.4	24.5
3	22.5	25.2	23.4	24.7	25.6	14.0	24.2	24.8	25.8	28.6	24.8	24.0	21.1	30.0	17.4	21.2	19.4	19.0	15.0	11.6	21.4
4	24.6	29.1	26.0	26.5	28.7	25.0	26.5	22.8	27.8	25.2	24.5	26.4	21.2	33.0	17.2	22.0	19.8	19.4	21.5	11.9	26.7
5	26.2	30.9	27.6	28.6	28.9	23.0	27.5	25.7	29.4	26.8	26.8	28.1	22.8	30.5	16.4	17.6	19.7	17.5	16.7	13.8	23.5
6	26.0	30.0	27.0	29.5	29.9	25.5	27.0	28.2	31.3	29.3	30.4	30.0	22.1	31.5	18.7	23.8	21.6	19.5	21.0	14.3	23.7
7	27.8	30.1	26.0	31.5	30.5	28.1	29.2	30.5	33.0	29.4	33.7	30.0	23.0	30.5	20.7	24.6	21.3	21.0	23.5	17.5	25.2
8	27.9	30.4	31.0	32.0	31.3	27.6	29.6	30.6	33.1	29.3	32.4	30.5	23.7	32.4	2 .5	25.2	22.3	21.2	20.8	16.7	25.3
9	27.5	32.3	28.0	32.0	33.2	25.1	29.5	31.6	33.9	31.8	34.4	32.5	24.3	33.6	21.6	21.0	20.3	23.9	24.3	17.5	26.4
10	28.7	31.2	28.6	32.0	35.0	22.5	30.5	33.2	35.0	31.4	34.4	33.1	26.4	33.4	23.4	24.1	24.5	26.9	22.7	18.0	25.5
11	29.9	33.0	29.4	32.0	33.0	23.8	30.0	29.1	33.2	30.0	28.0	24.1	25.8	33.6	24.3	26.5	27.0	27.2	25.8	19.1	27.0
12	29.9	32.7	29.0	34.0	31.8	27.0	32.0	26.0	30.8	28.6	27.8	27.3	22.7	32.9	24.6	26.7	23.8	27.6	27.0	18.1	27.2
13	31.3	32.7	28.0	33.7	33.5	24.7	31.0	28.6	30.9	28.0	29.0	28.5	23.9	30.9	23.9	26.0	23.2	28.4	25.4	16.0	27.5
14	31.6	33.9	31.6	35.7	33.8	26.8	32.0	29.4	34.6	31.8	30.7	28.2	25.6	31.7	22.4	26.1	23.4	27.0	24.0	14.5	22.5
15	29.3	30.5	30.2	30.5	27.2	24.4	32.5	32.7	32.9	35.0	33.6	27.5	23.6	30.7	16.0	15.9	19.4	18.4	19.0	9.4	22.0
16	24.0	27.0	26.6	24.3	22.6	20.3	31.5	20.5	26.1	24.4	22.7	22.5	17.5	30.6	19.6	21.2	18.8	20.0	21.6	13.2	20.2
17	24.6	26.9	28.3	25.8	25.1	20.6	29.4	22.5	24.0	26.0	23.3	20.5	16.9	24.3	20.1	22.8	19.0	19.7	24.0	14.4	18.5
18	16.6	17.1	20.0	21.7	19.8	10.2	26.5	22.7	23.2	27.0	22.1	23.4	18.8	27.6	15.7	17.2	18.0	17.5	16.1	12.0	20.5
19	21.1	25.0	23.2	23.1	20.4	17.3	28.4	18.6	21.0	21.7	19.0	17.8	10.9	27.9	13.4	15.5	16.0	16.1	12.5	9.0	20.0
20	23.2	27.8	23.6	25.8	22.2	18.8	28.6	22.0	24.2	26.6	19.2	22.6	14.2	28.4	12.5	12.1	15.0	14.5	13.4	6.8	19.5
21	25.7	30.9	26.2	28.3	27.0	21.4	29.6	29.3	29.0	33.4	28.5	30.4	20.8	28.6	16.2	16.1	16.3	17.6	11.9	8.0	19.4
22	26.1	30.5	27.4	28.3	28.8	19.3	31.4	18.0	16.9	21.2	20.8	19.5	18.5	23.5	18.1	19.2	20.6	18.7	22.3	12.7	20.2
23	26.0	29.8	26.2	29.8	26.0	20.3	29.5	21.5	24.3	22.8	23.2	27.5	17.5	27.6	17.2	17.0	21.2	15.0	22.7	12.6	16.8
24	23.8	25.9	29.0	26.5	22.3	20.0	30.0	17.2	20.0	20.8	19.5	24.1	17.5	26.0	15.0	17.5	17.8	16.5	14.7	8.4	23.0
25	25.5	29.0	28.6	26.8	25.3	21.9	30.5	15.3	18.0	19.4	18.9	15.3	11.3	26.6	14.9	15.0	17.0	17.7	16.0	12.4	22.0
26	23.4	24.7	25.8	24.1	23.9	22.0	30.2	20.5	22.1	21.6	22.5	24.6	18.3	28.6	17.0	19.2	20.4	17.4	17.5	14.0	23.5
27	22.8	25.7	24.8	22.9	22.0	19.1	32.5	24.4	25.0	27.6	25.2	22.3	18.6	28.7	17.6	21.1	18.9	19.4	21.7	12.2	24.2
28	25.5	27.2	24.4	27.4	30.2	18.8	27.0	17.4	20.0	20.1	29.5	22.0	13.1	27.2	19.6	20.9	19.0	21.6	21.4	14.9	23.2
29	22.4	24.2	24.7	22.4	22.5	19.3	29.0	20.8	22.2	24.0	22.0	25.4	15.9	25.4	20.2	22.2	20.4	21.5	22.5	16.4	24.5
30	24.6	26.0	27.4	26.1	24.3	20.4	28.5	19.8	22.8	22.5	22.1	22.5	19.2	26.6	21.3	23.3	21.0	22.4	23.6	18.3	26.5
31	25.3	25.9	30.0	24.6	29.9	21.2	28.0	11.3	15.5	15.2	14.5	14.3	13.1	18.5							
Mittel	25.4	28.2	23.4	27.6	27.0	21.6	29.1	23.9	26.4	26.1	25.3	25.1	19.6	29.0	18.6	20.6	20.0	20.3	20.1	13.7	23.2

Tag	Oktober							November							Dezember						
1	22.5	23.5	25.2	25.0	24.3	19.3	25.5	9.8	9.3	11.3	13.0	10.2	12.4	18.5	1.6	3.1	4.8	3.5	4.8	-1.5	7.4
2	18.2	17.0	22.8	18.6	17.5	15.8	24.2	12.8	10.8	12.8	14.2	11.4	11.6	17.6	1.7	3.4	5.3	2.5	4.7	-2.4	9.4
3	14.2	18.0	18.0	17.5	13.7	8.7	14.5	10.7	13.0	12.0	11.0	10.8	10.0	16.4	3.5	4.7	6.8	6.5	2.9	-4.3	6.5
4	8.3	6.3	11.5	11.8	9.3	1.9	13.5	11.5	11.2	13.7	13.4	13.4	9.2	16.0	2.1	4.2	6.1	5.6	7.4	-3.6	10.
5	6.4	6.2	7.3	9.3	10.0	3.6	15.8	9.0	11.0	12.0	10.8	9.7	7.8	16.0	2.8	4.9	9.2	8.2	8.8	-4.0	5.0
6	9.5	10.3	11.8	12.5	11.1	5.9	20.5	7.8	8.5	12.4	8.3	10.4	6.3	12.2	1.0	1.9	6.1	5.4	3.8	-4.8	7.0
7	10.5	10.0	12.8	13.5	10.2	5.4	18.2	5.8	6.4	7.2	7.5	6.5	2.3	14.4	1.9	3.7	5.0	1.8	4.5	-2.6	6.8
8	9.5	9.6	10.0	12.0	10.0	5.7	13.8	1.9	3.2	5.6	6.0	3.8	1.2	9.0	2.2	3.2	6.0	5.9	9.4	-5.5	7.6
9	13.7	13.3	15.9	16.7	11.1	5.6	19.5	1.6	4.8	5.5	4.9	9.3	-3.0	9.8	3.9	3.0	3.6	5.3	8.4	-1.8	0.0
10	19.6	21.0	22.0	20.8	16.4	13.8	22.3	2.0	3.4	5.0	4.9	6.8	1.9	6.0	5.5	4.8	8.3	5.0	4.7	-1.4	9.6
11	19.9	20.4	21.3	19.0	19.6	15.5	21.5	3.2	4.9	6.2	5.5	6.6	4.7	9.5	0.9	1.6	5.0	4.2	3.4	-3.6	8.6
12	21.4	21.2	23.6	18.9	18.3	15.2	19.0	4.9	3.7	6.4	10.5	7.0	6.1	14.0	-0.2	0.7	3.3	2.5	3.5	-4.2	9.0
13	15.1	15.2	20.0	19.8	18.8	7.9	16.5	7.6	7.0	10.6	11.2	8.8	5.1	11.3	-1.2	-0.5	1.5	1.0	2.5	-3.8	7.8
14	8.9	10.1	11.0	12.6	10.0	6.6	19.5	10.3	11.1	13.3	13.9	10.2	4.6	11.7	-0.6	0.4	2.1	1.2	1.7	-7.6	7.0
15	10.4	13.9	12.2	13.0	11.0	4.8	18.0	11.0	8.3	9.6	9.2	7.7	1.5	12.1	-0.3	1.0	2.0	1.8	2.0	-2.4	7.0
16	11.1	13.1	13.6	12.2	11.3	5.5	15.5	11.8	10.6	13.8	14.5	11.4	5.1	12.7	2.0	4.0	5.1	2.6	3.0	-3.6	7.4
17	11.2	15.0	13.0	12.5	11.7	6.4	18.5	13.4	11.4	14.4	14.5	12.0	6.1	10.2	4.0	7.2	7.7	6.0	3.9	3.2	7.0
18	10.8	9.9	14.2	13.0	10.9	10.4	16.2	7.4	8.1	10.7	9.8	7.6	1.5	11.3	6.0	6.7	6.4	8.0	5.3	-1.8	7.8
19	16.8	16.9	16.2	17.8	14.5	9.7	17.4	3.1	1.9	5.6	5.0	4.6	-3.2	9.5	3.6	3.7	6.2	7.5	5.4	-1.0	13.4
20	18.3	19.0	22.4	16.8	17.0	13.0	16.0	3.6	4.0	6.3	5.7	4.3	-5.7	7.3	-2.4	-1.3	2.3	1.6	0.5	-7.2	7.2
21	18.1	17.1	19.0	26.7	20.8	11.5	15.0	2.5	5.8	3.6	6.5	4.6	-5.4	5.4	-2.7	-2.3	-0.8	-0.5	-0.6	-9.2	4.2
22	12.0	12.0	17.6	18.2	15.2	8.3	13.7	0.5	2.7	2.3	2.6	2.3	-4.4	7.0	2.7	-0.8	1.4	-0.1	5.0	-10.3	3.2
23	16.0	17.2	18.8	21.0	18.7	10.4	16.5	0.2	2.8	2.1	3.6	3.3	-5.7	9.0	4.3	4.2	6.0	7.6	8.3	-2.0	5.0
24	18.2	14.2	18.8	23.2	20.6	9.2	19.0	1.7	2.1	2.6	-0.2	3.5	-2.4	7.7	4.0	1.0	6.0	6.1	5.5	-5.2	8.8
25	20.8	21.2	23.5	23.6	21.6	12.5	19.5	0.7	1.2	2.0	-0.9	4.5	1.5	5.6	0.4	1.6	6.0	6.7	1.4	-2.6	9.5
26	16.9	15.8	19.2	17.5	18.5	13.2	19.5	1.4	1.4	2.0	0.5	4.0	3.1	5.8	5.2	4.0	7.3	7.8	6.9	-3.5	5.0
27	15.7	10.3	12.7	19.1	20.8	10.0	17.6	2.8	3.5	4.3	1.5	6.8	4.1	9.5	7.0	8.0	9.7	7.0	3.6	-1.3	7.5
28	14.9	11.7	14.0	16.5	22.5	9.8	16.5	4.0	4.7	6.7	4.5	16.5	4.4	8.5	8.0	6.0	10.0	9.7	5.7	0.6	2.5
29	14.1	14.1	13.0	15.0	15.5	11.6	19.5	2.7	3.9	5.2	6.0	6.8	3.5	12.4	0.0	1.1	3.3	3.3	0.3	-3.2	7.0
30	14.4	16.0	13.8	16.3	17.1	13.3	18.5	3.1	4.1	5.3	6.5	6.5	0.4	8.0	-0.8	-0.8	1.0	1.0	1.0	-8.6	8.0
31	13.9	10.1	11.5	16.0	12.4	12.0	18.5								-6.6	-4.0	0.8	-0.4	2.2	-8.8	2.0
Mittel	14.6	14.5	16.3	17.0	15.5	9.8	18.1	5.6	6.2	7.7	7.5	7.7	2.8	10.8	1.9	2.5	5.0	4.3	4.2	-3.8	7.1

Bevers. Maxima vom 4. bis inkl. 12. Juli etwas zu hoch!

Resultate der Aufzeichnungen der autographischen Apparate für Luftdruck, Temperatur, Richtung und Geschwindigkeit des Windes

auf den Stationen: Zürich und Säntis

im Jahre 1923.

In den nachstehenden Tabellen folgen die stündlichen Werte einiger meteorologischen Elemente für Zürich und Säntis. — Auf beiden Stationen werden die Temperaturen durch Richard'sche Thermographen, die Aufzeichnungen der Windrichtung und Windgeschwindigkeit durch Anemographen von Beckley, in Zürich die Daten für Luftdruck durch einen Sprung-Fuess'schen, auf dem Säntis durch einen Richard'schen Barographen erhalten. Die Stundenzählung ist auch hier von 0—24 durchgeführt. — Die Drucklegung der Registrierungen von Bern wurde 1919 sistiert und unterbleibt bis auf weiteres.

Januar 1923. **Stündliche Lufttemperaturen.** $h_t^* = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	3.2	3.7	3.1	3.0	2.8	2.8	2.6	2.5	2.8	3.2	3.4	4.0	5.2	4.5	4.4	3.9	3.4	3.0	2.5	3.0	3.0	2.9	2.6	2.6	3.25
2	2.6	2.6	2.6	2.6	2.5	2.5	1.9	1.7	2.7	4.6	5.7	4.2	4.3	4.8	4.8	3.0	0.9	0.4	−0.4	−0.6	−0.6	−0.9	−1.2	−1.1	2.05
3	−1.3	−1.4	−1.4	−1.0	−1.0	−1.2	−2.0	−1.8	−0.8	−0.2	1.0	2.6	3.1	3.1	2.9	2.6	2.3	2.2	2.2	2.0	2.1	2.0	2.0	1.8	0.83
4	1.4	1.4	1.5	1.5	1.3	1.2	0.7	0.8	1.2	1.5	2.3	2.4	2.6	2.5	2.8	2.5	2.5	2.0	2.0	1.9	2.0	2.2	2.2	2.1	1.85
5	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.0	2.0	2.2	2.4	2.4	2.4	3.1	3.0	2.4	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.7	2.24
6	1.6	1.4	1.0	0.2	−0.4	−0.9	−1.8	−1.6	−1.4	−0.8	0.2	1.4	2.0	2.2	1.1	0.5	0.3	−0.5	−1.1	−1.1	−0.8	−0.9	−0.9	−1.3	−0.07
7	−1.0	−1.1	−1.5	−1.6	−1.4	−1.1	−0.4	−0.7	0.2	1.8	1.8	2.2	2.8	2.5	2.8	2.0	1.8	1.8	1.7	1.5	1.4	1.3	1.5	1.6	0.81
8	1.7	1.7	1.9	2.1	2.2	2.6	2.6	2.4	2.0	1.8	2.0	2.3	1.6	1.4	2.1	2.3	2.3	2.2	2.3	2.3	3.1	3.2	3.1	2.9	2.25
9	2.9	2.9	3.0	3.1	3.1	3.0	3.0	3.0	3.4	4.3	4.5	4.8	5.8	6.0	5.8	5.3	5.4	5.7	5.5	5.3	5.5	5.3	5.1	3.7	4.39
10	3.8	4.4	4.5	4.6	4.5	4.4	4.2	4.1	4.0	4.6	5.3	6.3	6.6	6.6	6.0	5.8	5.4	5.0	4.9	4.2	3.4	3.7	3.6	2.4	4.68
11	2.3	2.0	1.6	1.1	1.4	0.3	0.1	−0.1	0.9	2.3	2.1	2.2	2.0	1.9	1.9	1.3	0.4	0.1	−0.1	−0.2	−0.4	−0.8	−0.9	−0.7	0.86
12	−0.6	−0.6	−0.7	−0.8	−0.6	−0.8	−0.6	−0.4	−0.2	0.0	0.0	−0.1	0.0	0.1	0.0	−0.3	−0.3	−0.4	−0.4	−0.6	−0.5	−0.9	−1.1	−1.0	−0.45
13	−0.9	−0.9	−0.9	−1.1	−1.1	−1.0	−1.0	−0.9	−0.3	0.7	1.1	2.8	1.0	1.1	0.1	−0.9	−1.1	−1.0	−1.6	−2.5	−3.4	−3.6	−4.6	−4.6	−1.02
14	−3.9	−3.6	−3.6	−3.6	−4.6	−5.0	−5.3	−5.2	−1.9	−1.7	0.2	2.2	1.5	0.2	−0.3	−0.8	−0.8	−1.0	−0.7	−0.7	−1.7	−2.0	−1.9	−1.7	−1.91
15	−1.1	−0.8	−0.6	−0.5	−0.2	−0.1	0.2	0.4	0.5	1.1	2.9	2.8	2.4	2.3	2.1	1.9	1.8	1.0	1.0	0.5	1.0	1.6	2.4	2.7	1.05
16	2.4	2.4	2.2	2.3	2.2	1.7	2.0	1.4	1.5	1.6	2.0	2.0	2.2	2.0	0.2	0.2	−0.4	−0.8	−1.0	−1.3	−1.2	−1.2	−1.2	−1.3	0.85
17	−1.1	−1.7	−3.0	−4.5	−3.7	−3.7	−4.0	−4.2	−2.2	−1.0	−0.5	−1.3	−1.2	−1.0	−1.7	−1.8	−2.0	−2.4	−2.4	−2.6	−2.4	−2.7	−2.5	−2.7	−2.35
18	−2.8	−2.9	−2.9	−2.9	−3.0	−3.1	−3.2	−2.2	−2.0	−1.1	0.4	0.5	−0.8	−0.9	−0.8	−1.8	−2.8	−3.8	−4.4	−4.4	−4.4	−3.6	−4.4	−4.8	−2.59
19	−4.7	−4.6	−4.9	−5.0	−6.4	−6.1	−7.1	−6.3	−6.2	−2.2	−1.3	−0.4	−1.4	−1.4	−2.1	−3.3	−4.5	−5.3	−5.9	−6.3	−7.0	−7.4	−7.3	−7.1	−4.76
20	−6.5	−5.7	−4.7	−4.4	−4.3	−4.0	−3.3	−3.5	−3.2	−2.6	−1.9	−0.9	−0.2	−0.4	−0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	−0.1	−0.1	−1.90
21	−0.4	−0.6	−0.8	−0.7	−0.9	−0.9	−0.8	−0.9	−0.3	−0.1	0.3	1.0	1.0	1.1	0.2	−0.1	−0.8	−0.9	−1.1	−1.8	−1.8	−2.9	−4.9	−5.3	−0.93
22	−4.8	−5.1	−6.5	−7.2	−2.3	−3.3	−8.7	−8.8	−6.3	−5.3	−4.3	−0.1	−1.2	0.5	−2.2	−3.3	−5.7	−6.4	−7.0	−7.5	−7.6	−6.9	−6.6	−6.8	−5.12
23	−7.0	−6.5	−5.6	−4.6	−4.0	−3.5	−2.7	−2.8	−2.9	−1.9	−0.8	−0.3	0.0	1.2	1.5	−0.2	−2.3	−3.2	−3.6	−3.0	−4.8	−4.2	−4.7	−5.0	−2.95
24	−5.6	−5.9	−6.1	−5.5	−5.6	−6.1	−5.2	−5.2	−4.5	−4.3	−3.2	−0.4	−1.0	−1.6	−1.5	−2.1	−3.3	−4.1	−4.8	−4.7	−4.1	−4.2	−5.1	−5.9	−4.17
25	−5.6	−5.6	−5.9	−6.7	−6.7	−6.3	−5.9	−5.4	−4.0	−3.0	−1.3	−0.3	0.6	1.2	1.1	0.0	−0.2	−1.4	−0.8	−0.9	−2.0	−2.1	−2.3	−2.6	−2.75
26	−2.0	−1.7	−1.8	−1.6	−1.5	−1.8	−1.4	−1.2	−0.3	0.1	0.7	1.3	2.0	1.4	1.3	1.0	0.6	0.5	0.4	0.5	0.5	0.5	0.4	0.3	−0.08
27	0.3	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.4	0.8	1.2	1.6	1.3	1.5	1.3	1.0	0.7	0.7	0.5	0.6	0.4	0.3	0.2	0.1	0.59
28	−0.1	−0.3	−0.5	−0.6	−0.7	−1.0	−1.1	−1.1	−0.9	−0.7	−0.1	1.0	1.0	3.0	1.4	0.6	0.1	0.0	0.1	0.0	−0.1	−0.1	−0.1	−0.3	−0.02
29	−0.3	−0.3	−0.2	−0.2	−0.2	−0.2	−0.2	−0.1	−0.3	0.1	1.1	1.2	2.0	1.9	1.9	1.9	1.8	2.3	1.9	2.1	2.4	2.0	2.3	2.3	1.05
30	2.3	2.3	2.3	2.3	2.3	2.3	3.0	2.4	3.0	3.5	3.6	3.4	3.6	3.4	3.2	3.1	3.0	2.7	2.6	2.4	2.4	2.3	2.1	2.1	2.80
31	2.1	2.0	2.3	2.1	2.3	2.3	3.2	3.7	4.0	5.4	5.2	5.2	5.8	6.1	5.5	5.6	5.8	6.3	6.5	6.5	6.7	6.7	6.2	5.3	4.70
M.	−0.67	−0.65	−0.73	−0.79	−0.68	−0.80	−0.93	−0.90	−0.29	0.47	1.16	1.81	1.84	1.95	1.54	1.05	0.54	0.24	0.03	−0.11	−0.22	−0.27	−0.45	−0.65	0.10

Februar 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	5.7	5.7	6.4	7.0	6.6	6.3	7.2	6.7	6.4	6.4	6.5	6.6	7.4	7.8	8.1	7.4	7.2	6.9	6.9	7.8	7.2	6.2	6.7	6.6	6.78
2	6.5	6.3	6.0	5.7	5.5	5.5	5.6	5.8	5.7	5.4	5.2	5.8	7.2	7.2	7.8	6.6	5.8	5.3	4.8	4.1	4.8	4.8	4.9	5.8	5.75
3	5.1	4.2	3.6	4.2	3.8	4.2	4.6	4.1	4.2	4.7	4.8	6.1	8.4	8.1	8.6	7.6	6.1	4.9	3.9	3.2	2.2	1.5	1.4	0.8	4.60
4	0.9	1.0	1.0	0.9	0.8	0.8	1.4	1.4	1.5	1.7	2.5	3.2	3.8	4.0	4.1	4.8	4.0	3.7	3.5	3.6	3.6	3.4	3.2	3.2	2.56
5	3.1	3.0	2.6	1.9	1.5	1.7	2.0	2.0	2.2	2.9	3.8	4.7	4.8	4.5	4.0	3.8	3.5	3.0	2.8	2.6	2.7	2.5	2.4	2.4	2.93
6	2.3	2.3	1.5	1.4	1.3	0.9	0.8	0.9	1.1	1.2	1.3	1.5	1.5	1.8	1.7	1.6	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.4	1.27
7	−0.2	−0.6	−0.7	−1.1	−0.9	−1.1	−0.7	−0.3	0.3	2.0	5.1	7.1	8.1	7.1	7.6	6.4	5.2	4.0	3.2	3.2	2.4	2.0	1.7	1.4	2.55
8	1.1	1.0	1.3	1.3	0.2	0.0	−0.4	0.2	1.6	5.2	7.4	6.4	8.9	7.6	7.7	7.3	6.2	5.4	5.1	4.6	4.6	4.4	4.3	4.0	4.00
9	4.2	4.7	4.3	4.1	4.0	4.1	4.4	4.3	4.0	3.8	5.0	6.0	6.9	7.9	7.6	6.8	6.1	5.3	4.6	4.4	3.4	2.7	1.9	1.4	4.66
10	0.4	−0.1	−1.1	−1.1	−1.2	−1.3	−1.0	−1.1	−1.0	−1.0	0.0	0.2	1.0	1.7	1.9	1.7	1.8	1.6	1.1	0.8	1.0	1.0	1.1	1.2	0.32
11	1.0	0.9	0.6	0.5	0.7	0.6	1.0	1.1	1.4	2.0	2.9	3.8	3.8	4.0	4.0	3.8	3.5	3.3	3.2	3.2	3.2	3.1	2.7	2.5	2.37
12	2.3	2.2	2.1	2.1	2.1	2.1	2.0	1.6	1.7	1.9	2.1	2.2	2.5	2.6	2.6	2.6	2.4	2.3	2.2	2.2	2.4	2.2	2.1	1.6	2.17
13	1.5	1.4	1.4	1.4	1.6	1.5	1.6	1.7	1.7	2.0	2.7	3.7	4.0	4.0	4.5	3.9	3.3	2.9	2.6	2.2	1.7	1.4	1.0	0.7	2.27
14	0.7	0.5	0.3	0.0	−0.2	−0.3	−0.4	−0.3	0.0	1.1	2.0	3.0	3.2	3.1	3.0	3.2	1.6	1.3	−0.1	0.0	0.1	−0.1	0.0	0.1	0.92
15	0.2	0.3	0.4	0.3	0.5	0.7	0.9	0.9	0.5	0.5	0.9	1.6	2.3	2.4	2.2	2.0	1.3	1.2	1.0	1.2	1.4	1.4	1.5	1.5	1.15
16	1.6	1.6	1.3	1.0	1.0	1.0	1.4	1.6	3.2	4.0	7.2	9.6	9.5	10.0	8.1	6.9	6.6	6.7	6.7	6.3	6.1	5.7	5.8	5.4	4.93
17	5.4	5.3	5.0	4.8	4.0	3.2	3.2	3.4	4.8	6.9	7.2	5.4	5.8	6.2	6.1	4.7	4.2	4.4	4.4	4.5	4.0	0.9	1.5	1.9	4.44
18	1.7	1.9	2.2	1.5	2.5	2.8	2.7	2.7	3.2	3.9	4.5	5.1	7.3	5.6	5.3	4.9	4.6	4.2	4.0	3.8	3.0	2.3	2.1	1.9	3.49
19	1.7	2.5	2.7	2.3	2.3	2.7	2.8	2.8	2.9	2.6	3.2	3.4	4.0	4.4	4.9	4.3	3.3	3.0	2.7	3.3	2.4	2.4	2.7	4.0	3.05
20	3.0	2.8	2.6	2.5	2.5	2.1	2.0	2.3	2.9	3.8	4.5	5.4	6.2	5.0	4.2	4.4	2.8	2.2	2.2	1.4	0.8	0.9	0.3	0.0	2.78
21	−0.1	−0.2	−0.3	−1.1	−1.5	−1.6	−1.3	−1.0	1.1	2.4	3.9	5.8	5.4	5.9	5.2	4.9	4.1	3.7	4.2	4.1	3.4	4.2	4.0	3.8	2.42
22	4.0	3.7	2.7	2.3	2.3	3.3	3.0	3.5	3.6	4.2	4.9	5.1	8.3	9.0	9.3	8.6	7.5	4.8	3.2	2.7	3.4	2.3	2.2	1.4	4.41
23	0.3	0.4	0.3	1.3	1.7	1.9	2.4	2.5	2.3	2.9	3.2	5.2	6.7	7.3	7.6	8.0	6.2	5.1	6.0	4.5	4.5	4.3	2.3	2.2	3.78
24	1.7	1.4	1.0	0.0	−0.1	−0.7	−0.2	0.1	2.0	3.8	6.2	8.1	8.2	9.5	9.0	8.0	7.2	5.0	4.6	4.5	4.0	3.0	2.6	2.6	3.81
25	2.0	2.1	2.0	1.9	1.9	1.9	2.3	2.4	3.3	4.1	5.1	5.1	4.8	4.9	5.1	5.4	5.6	5.4	5.2	4.9	5.0	4.9	5.1	5.2	3.98
26	4.7	4.7	4.7	5.0	5.2	5.2	4.6	5.0	5.0	8.1	7.9	8.7	9.4	8.9	9.3	8.5	6.4	5.5	5.2	5.1	5.6	5.9	6.2	6.2	6.31
27	6.3	6.6	6.6	6.5	6.6	5.6	4.7	5.4	6.5	6.4	7.3	8.2	9.6	9.3	8.0	8.0	7.3	7.0	5.7	5.7	5.9	5.7	5.4	4.9	6.65
28	4.9	5.0	4.5	3.7	3.3	4.1	4.1	4.3	4.7	5.2	6.2	7.7	7.3	6.2	8.1	8.0	7.2	7.2	6.7	6.2	6.6	6.3	6.2	5.6	5.85
M.	2.59	2.52	2.32	2.14	2.09	2.04	2.15	2.30	2.74	3.50	4.41	5.17	5.98	5.95	5.93	5.49	4.74	4.14	3.82	3.59	3.44	3.07	2.95	2.81	3.58

*) h_t = Höhe des Thermographen über dem Erdboden.

März 1923 **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	5.6	5.1	4.4	4.5	4.2	3.7	4.4	4.8	5.4	5.8	6.2	7.1	6.8	7.8	8.8	5.4	5.1	4.7	5.4	5.2	5.0	4.5	4.3	2.8	5.27
2	1.8	0.7	1.0	1.6	1.9	1.9	2.4	2.4	2.6	4.2	5.8	6.9	8.0	7.0	7.8	7.0	5.4	4.6	4.4	4.2	4.2	4.8	4.8	4.4	4.10
3	4.2	4.8	4.2	3.4	2.9	2.8	3.5	4.5	6.4	6.5	6.8	7.6	7.3	7.0	5.4	5.6	3.8	3.5	3.0	2.9	3.0	2.8	2.8	2.8	4.46
4	1.7	1.5	1.2	1.9	2.2	2.4	1.8	2.2	2.4	2.5	2.8	3.1	4.1	4.2	4.9	4.4	4.2	3.4	3.3	3.1	2.8	2.5	2.6	2.9	2.84
5	2.9	2.9	2.8	2.8	2.6	2.5	2.6	2.8	3.5	3.5	4.0	3.8	4.2	4.6	4.4	5.1	4.2	3.4	3.0	2.8	2.6	2.6	2.5	2.5	3.28
6	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.8	3.4	3.8	4.4	5.5	5.4	5.3	5.0	3.5	2.1	2.3	1.8	0.8	1.0	0.6	2.94
7	0.5	0.1	0.1	0.9	0.4	0.4	0.8	2.0	2.2	3.5	3.0	2.7	2.6	3.8	3.5	4.3	4.8	3.2	3.7	4.5	4.6	4.5	3.8	3.3	2.60
8	3.0	3.0	2.8	2.1	1.9	2.1	2.6	2.8	3.6	4.2	6.2	7.9	8.0	7.5	7.6	5.7	5.2	4.8	4.2	3.0	2.6	2.1	2.5	2.6	4.08
9	2.3	2.3	2.5	2.3	2.3	2.3	2.4	2.6	2.9	4.0	4.2	5.8	6.4	6.2	6.9	4.6	3.2	1.7	1.8	1.9	1.6	1.4	1.1	0.6	3.05
10	0.7	0.5	0.4	0.3	0.2	0.3	0.6	0.8	1.6	1.9	2.7	3.6	3.8	3.8	3.9	3.3	2.9	2.4	1.6	1.7	1.6	1.0	0.4	0.5	1.69
11	−0.3	−0.4	0.1	0.2	0.1	0.3	0.6	1.1	1.5	2.1	2.5	3.2	3.7	3.5	3.5	3.7	3.3	3.1	1.3	2.1	2.2	1.8	1.8	1.9	1.79
12	1.8	1.6	1.2	1.0	0.9	0.8	0.7	−0.3	0.8	2.8	2.4	3.3	2.4	2.5	2.1	1.8	1.7	1.4	1.1	1.2	0.6	−0.3	−1.0	−0.2	1.26
13	−0.8	−0.2	−1.0	−1.6	−1.3	−1.0	−0.3	0.5	0.9	1.1	2.2	1.9	3.2	4.3	3.7	4.0	3.8	2.9	2.7	2.8	2.8	2.7	2.6	2.4	1.58
14	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.3	2.9	2.8	2.8	2.7	2.5	2.5	2.2	2.2	2.0	1.8	1.8	1.7	0.9	0.5	0.5	2.11
15	0.4	0.5	0.7	0.6	0.3	0.1	0.8	1.4	2.3	2.5	3.1	3.7	4.2	4.2	3.6	3.5	3.1	2.7	2.5	2.3	2.2	2.0	2.0	1.9	2.11
16	1.8	1.8	1.8	1.7	1.8	1.9	2.2	2.4	2.9	3.8	4.2	5.0	5.4	6.0	5.9	6.0	5.8	5.4	4.0	4.4	4.2	4.0	2.9	2.2	3.62
17	1.9	1.0	0.4	1.0	1.5	1.8	2.4	2.7	2.8	2.9	3.3	3.8	3.7	3.6	3.6	4.2	5.0	3.4	2.3	2.3	2.8	3.5	2.6	2.0	2.69
18	1.9	1.7	1.3	1.0	0.6	0.5	0.4	0.4	0.8	1.4	1.1	2.7	3.5	4.1	4.1	3.8	3.7	2.3	1.0	0.2	−0.5	−0.8	−1.1	−1.2	1.37
19	−1.4	−1.5	−1.7	−1.9	−2.0	−0.9	−0.8	−0.3	0.2	0.3	1.6	2.2	3.1	3.8	4.9	5.2	4.5	3.2	1.6	1.0	0.2	−0.4	−0.6	−1.0	0.80
20	−1.2	−1.7	−1.9	−2.2	−2.5	−2.7	−2.1	−1.8	0.0	2.9	5.7	8.3	11.0	11.6	11.3	11.5	12.0	8.7	7.5	7.3	5.8	4.7	4.5	3.2	4.16
21	2.5	2.2	1.8	1.5	1.1	0.5	1.0	3.0	6.2	8.9	10.7	11.4	11.6	12.2	10.8	10.8	9.6	8.6	8.2	7.8	7.2	7.0	6.9	6.9	6.60
22	6.4	5.7	5.6	5.6	5.5	5.6	6.0	6.6	8.1	8.3	10.4	13.1	14.6	14.1	15.4	15.2	14.0	12.3	11.2	9.6	9.0	7.7	7.4	6.2	9.38
23	5.3	4.8	4.7	3.5	3.2	2.2	3.2	4.7	8.2	10.1	14.3	15.6	16.6	17.6	18.0	17.6	16.6	13.7	11.2	10.2	8.6	7.9	7.2	5.7	9.81
24	6.0	4.3	3.6	3.5	3.3	3.2	5.0	6.4	10.6	13.4	16.2	17.0	16.8	17.6	18.0	15.4	15.6	13.8	11.1	9.7	9.7	8.1	7.5	7.1	10.12
25	5.9	5.0	4.8	4.8	3.7	3.2	4.0	6.5	10.0	13.4	16.2	17.6	18.1	18.3	18.6	18.2	17.4	14.8	11.2	9.9	10.0	8.8	7.9	6.5	10.60
26	7.1	5.4	4.9	4.9	4.2	3.6	4.4	6.6	9.6	13.2	15.6	17.7	18.2	18.4	19.0	18.2	17.2	15.3	12.1	10.6	9.7	8.8	8.3	7.6	10.86
27	6.2	6.7	5.8	4.4	3.9	3.8	4.6	6.8	10.2	14.2	16.4	17.1	18.3	19.0	18.6	18.9	17.9	15.3	12.0	10.8	9.6	8.4	8.3	6.7	10.98
28	6.4	6.0	5.6	5.2	4.7	4.4	5.4	7.9	12.3	14.9	16.4	16.3	17.2	17.8	17.5	15.5	13.4	11.8	10.8	10.2	9.6	8.6	8.6	8.6	10.83
29	8.6	7.6	8.4	8.0	7.8	7.7	7.9	7.9	8.8	8.8	10.0	11.3	11.4	13.9	11.3	11.2	10.5	10.2	9.6	9.4	9.0	8.8	8.8	9.2	9.42
30	7.3	7.7	7.6	7.7	7.6	7.5	7.6	8.5	9.0	9.3	9.5	10.3	11.4	12.4	12.4	12.1	12.5	11.7	9.4	8.1	7.4	6.9	5.6	5.7	8.97
31	4.7	4.1	3.8	3.3	2.9	3.0	4.0	5.3	8.4	10.9	12.8	13.1	13.6	15.1	14.6	14.8	13.2	11.4	9.4	8.1	7.5	6.7	6.9	5.4	8.46
M.	3.15	2.88	2.62	2.48	2.28	2.22	2.68	3.42	4.81	6.02	7.18	8.05	8.59	9.01	8.97	8.53	7.95	6.73	5.68	5.20	4.81	4.27	3.96	3.54	5.21

April 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	4.7	5.2	4.9	5.3	4.8	4.1	4.8	8.0	11.1	13.0	14.1	13.8	14.0	13.1	12.5	12.6	12.5	12.4	8.9	7.4	7.5	6.5	6.7	5.6	8.88
2	5.7	5.1	4.9	4.2	2.5	3.5	4.5	4.6	5.5	6.8	8.6	10.6	13.1	14.0	14.1	13.8	13.0	10.5	8.7	8.0	7.2	6.3	4.8	3.5	7.65
3	2.5	1.9	1.5	1.1	0.6	0.5	1.8	4.2	7.3	9.7	11.6	10.6	15.2	13.8	15.9	15.1	14.7	12.3	11.4	9.6	9.2	8.4	7.7	6.0	8.02
4	4.1	3.0	2.2	1.7	0.9	0.7	1.4	3.6	6.5	8.1	10.0	11.0	12.6	13.2	14.7	14.3	13.3	11.1	9.2	8.3	7.0	4.9	4.0	2.9	7.03
5	2.1	1.6	1.0	0.5	0.2	0.1	1.6	4.1	6.3	10.2	13.4	13.5	14.8	16.3	13.7	14.9	12.8	12.6	10.5	10.3	9.1	7.7	8.1	8.3	8.09
6	8.6	7.3	7.0	6.5	6.7	6.8	7.4	9.5	12.3	14.3	15.2	16.5	15.3	15.9	15.8	14.3	15.6	13.3	10.3	9.3	7.8	7.1	5.3	5.0	10.55
7	4.1	3.7	3.3	2.6	2.3	1.8	3.0	5.6	9.3	12.8	13.1	15.2	16.7	16.3	17.0	17.2	14.1	12.2	9.9	8.2	8.6	8.2	7.3	5.2	9.07
8	5.0	5.1	5.1	4.2	4.2	4.0	4.0	3.5	3.9	4.0	3.7	4.2	4.4	4.2	4.1	3.1	2.6	2.3	2.0	1.6	1.4	1.2	1.0	0.9	3.32
9	0.9	0.9	0.9	0.8	0.9	1.0	1.4	2.3	2.7	2.9	4.0	4.5	5.6	6.0	8.2	8.3	7.3	6.4	5.8	5.1	3.2	2.4	1.9	1.2	3 58
10	0.5	0.3	0.1	−0.4	−0.6	−0.6	0.4	2.7	7.4	9.5	11.6	14 5	16.0	15.3	16.1	16.0	14.8	13.0	11.0	9.0	8.1	6.5	5.8	5.1	7.59
11	4.6	4.1	3.2	2.8	2.4	2.3	3.7	6.6	11.5	15.4	18.0	19.9	20.8	21.7	22.2	20.4	20.3	17.0	14.2	12.9	11.9	10.4	10.1	9.4	11.91
12	8.9	9.1	9.1	8.4	8.3	8.4	10.0	13.6	13.2	14.4	15.3	17.4	19.9	22.7	22.1	20.6	20.0	18.2	15.7	13.8	12.0	11.3	10.9	9.5	13.87
13	9.8	9.7	10.0	10.0	10.0	9.2	10.0	12.0	14.7	15.0	19.3	18.1	17.8	17.7	17.9	17.7	16.7	14.7	13.4	12.8	10.3	9.8	9.6	9.6	13.16
14	9.4	9.1	8.3	7.9	7.9	7.9	8.1	9.6	10.1	9.2	11.7	11.0	10.6	6.7	6.0	4.9	4.5	4.3	4.2	4.1	3.6	3.2	3.3	3.6	7.05
15	4.1	4.1	4.2	4.0	4.0	3.5	3.5	3.5	3.6	3.7	4.5	5.5	5.7	7.5	6.5	4.7	4.0	4.1	4.0	4.1	4.2	3.9	3.8	3.9	4.36
16	4.0	4.0	4.1	4.3	4.3	4.8	5.3	5.0	4.8	5.5	5.5	6.3	6.6	6.6	9.3	7.8	7.1	6.5	5.8	4.7	5.0	4.9	5.0	5.0	5.50
17	5.1	5.1	5.0	4.3	4.2	4.2	4.8	4.9	5.4	6.2	6.5	7.0	6.8	7.0	6.7	6.5	6.2	6.0	5.9	5.4	4.8	4.5	4.2	4.2	5.45
18	4.2	4.2	4.2	4.2	4.1	4.2	4.8	5.3	6.1	6.9	7.9	8.0	8.2	9.6	8.8	9.9	10.2	8.6	6.5	5.9	4.5	3.8	3.1	2.7	6.08
19	2.4	2.2	2.0	2.2	2.4	2.5	3.4	4.3	5.1	5.8	7.2	7.6	8.2	7.6	7.6	8.1	9.4	6.3	5.4	4.4	4.0	3.0	2.8	2.5	4.85
20	1.8	1.1	1.2	1.3	1.4	1.9	2.6	3.5	7.6	8.3	7.7	9.7	11.7	13.5	14.6	13.2	12.2	11.3	10.1	9.8	9.6	9.1	8.9	7.4	7.48
21	6.9	6.6	6.5	6.4	6.7	6.4	7.0	7.4	9.2	10.2	11.0	13.6	14.2	14.4	14.9	14.3	13.2	9.0	8.0	7.7	8.2	7.4	6.6	5.7	9.28
22	5.6	6.6	5.6	5.7	4.8	5.3	7.8	8.9	13.4	15.7	17.1	18.2	18.4	19.8	18.9	17.9	18.4	15.8	12.8	11.5	11.7	9.9	9.6	9.4	12.03
23	9.2	8.2	8.3	7.6	7.7	8.3	9.4	9.6	10.4	12.9	14.6	14.5	15.4	15.4	15.4	12.1	11.7	11.2	10.2	10.2	10.0	9.4	9.3	9.1	10.84
24	8.6	8.2	7.3	7.6	7.2	6.8	6.8	6.9	7.5	7.9	9.2	10.2	10.0	9.5	9.3	9.2	8.7	8.4	8.0	7.7	7.3	7.0	6.8	6.4	8.04
25	4.2	4.8	3.6	3.4	3.1	2.4	4.2	6.4	9.8	12.3	12.2	13.7	15.0	15.4	16.0	15.4	14.8	13.6	11.7	11.1	8.8	7.9	7.7	6.7	9.34
26	7.8	5.9	5.4	5.1	4.6	4.8	6.6	9.3	13.7	16.0	16.8	18.6	18.5	19.4	20.4	20.0	19.4	13.2	15.5	14.3	13.5	13.0	13.1	10.7	12.78
27	11.2	11.0	9.8	9.1	8.6	8.6	8.6	9.0	9.1	9.4	10.1	10.4	10.3	10.5	10.0	9.2	9.1	8.4	7.6	7.5	7.4	7.3	7.3	7.2	9.03
28	6.9	6.7	6.4	6.3	6.3	6.4	6.6	6.5	6.3	6.9	7.1	6.9	6.2	6.3	6.2	6.1	5.9	6.0	6.0	5.3	5.0	5.2	5.1	5.2	6.16
29	4.4	4.9	4.7	4.7	4.5	5.2	6.6	8.6	11.3	11.8	10.8	11.0	12.0	11.3	10.8	11.4	10.6	9.6	9.2	7.9	7.6	6.5	6.5	5.9	8.22
30	6.6	5.5	5.6	5.6	5.4	5.9	8.7	9.1	10.4	14.3	15.7	16.3	18.4	18.8	15.4	17.4	16.8	14.5	12.5	11.6	11.2	10.2	9.8	9.7	11.47
M.	5.46	5.17	4.86	4.58	4.33	4.36	5.31	6.60	8.52	9.97	11.10	11.94	12.75	12.98	13.04	12.55	12.00	10.48	9.18	8.32	7.66	6.90	6.54	5.93	8.85

Mai 1923. Stündliche Lufttemperaturen. $h_t = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	9.8	9.6	9.5	8.2	7.2	7.5	9.0	11.4	12.2	12.7	19.6	20.8	21.4	23.2	22.6	23.4	23.0	21.4	16.6	13.4	12 8	12.3	11.5	10.6	14.55
2	9.5	9.4	8.5	7.8	7.4	7.6	9.7	12.9	18.4	21.2	22.8	23.2	25.5	25.5	26.8	26.0	25.8	25.2	19.2	15.8	14.6	14.5	13.3	12.8	16.77
3	12.2	11.6	11.1	10.4	10.1	11.1	12.6	15.8	19.7	22.2	22.7	23.8	24.8	26.0	25.5	22.8	21.8	19.8	17.7	17.5	15.6	14.6	15.1	12.7	17.84
4	11.7	11.2	12.5	11.2	10.2	10.2	12.0	14.0	17.7	20.6	20.8	22.1	22.4	22.5	23.4	23.4	22.5	20.5	16.9	15.1	14.0	12.3	11.6	11.4	16 26
5	10.2	9.7	9 8	8.8	8.4	9.2	11.8	14.0	18.6	20.0	22.7	23.9	25.3	26.4	26 6	26.2	26.0	24.3	20.4	17.6	17.3	16.6	15.7	14.4	17 64
6	14.8	13.8	13.4	13.2	13.0	13.6	16.1	17.9	22.4	24.4	25.7	24.6	27.5	27.2	28.5	28.4	27.8	25.6	20.4	18.6	17.4	17.1	16.1	15.2	20 09
7	15.3	14.6	13.7	13.3	12.5	13.1	15.4	18.6	23.0	26.1	27.1	27.7	28.5	29.8	29.0	29.1	28.7	25.7	23.9	18.8	17.3	16.1	15.6	15.3	20.76
8	14.7	14.4	14.6	13.9	13.4	14.0	16.0	18.5	22.1	24.6	26.1	27.3	28 2	28.0	27.9	28.0	27.0	24.7	23.3	20.8	19.7	18.3	15.5	19.4	20 83
9	19.0	18.4	18.3	17.0	16.9	15.8	17.6	19.1	19.8	23.8	20.9	17.5	15.9	15.4	13.9	14.8	14.0	13.5	13.0	12.8	12.5	12.4	12.1	11.8	16.07
10	11.7	11.8	11.4	12.1	12.2	11.5	11.4	11.9	11.6	11.8	11.7	9.3	9.0	*10.5	*12.4	*11.5	*10.8	*8.4	*6.9	*6.0	*5.4	*4.9	*4.5	*4.1	*9.70
11	*3.7	*3.8	*3.2	*3.4	*3.9	*4.2	5.4	5.9	7.3	7.8	8.9	10.6	11.6	13.7	14.4	14.3	10.9	11.8	10.4	10.5	10.6	10.1	10.2	10.5	8.59
12	10.8	9.9	9.4	7.2	6.1	7.7	10.2	10.8	11.8	14.8	15.9	15.2	11.7	7.5	5.1	4.0	3.6	4.1	4.8	5.8	5.4	3 8	3.6	2 9	7.94
13	2.8	2.8	2.2	2.8	2.1	3.2	5.0	7.4	10.5	10.9	13.4	13.6	14.3	14.9	17.6	17.0	16.2	14.5	12.7	12.6	12.4	12.0	11.7	11.1	10.13
14	11.4	10.1	10.8	10.9	11.2	11.8	12.0	12.7	13.8	14.2	17.0	15.7	13.8	12.5	14.7	14.6	10.9	8.7	8.5	7.8	7.1	7.1	7.1	6.7	11.28
15	5.2	4.5	4.1	3.8	3 9	4.9	5 7	7.5	9.0	9.8	11.2	13.4	14.6	14.4	15.8	15.2	15.0	12.6	10.8	9.4	8.9	7.4	7.0	6 1	9 15
16	5.6	5.6	4.8	4.6	4.7	5.7	7.4	10.6	14.0	14.1	14.8	13.0	10.0	8.2	7.3	7.1	6.8	7.9	8.8	7.7	6.8	5.7	6.3	6.5	8.06
17	5.6	7.6	7.4	6.7	6.6	7.9	8.6	9.7	10.4	11.0	13.8	12.8	13.8	14.3	13.3	13.2	13.4	12.4	10.8	10.5	10.8	10.2	6.5	4 8	10 05
18	3.6	2.8	2.6	2.8	2.7	2.4	3.6	5.7	7.0	7.8	9.0	10.2	11.6	10 2	13 5	13.8	12.4	10.2	8.8	6.8	6.0	5.4	5.4	6.3	7.11
19	4.9	4.7	4.3	3.9	3.2	4.9	7.2	8.6	10.0	11.1	12.0	11.6	12.8	11.5	10.1	10.0	8.4	8.2	7.6	7.1	5.9	6.0	5.6	5.0	7.69
20	5.2	5.2	5.6	5.4	4.4	4.8	6.9	8.2	11.9	13.6	16.5	18.2	18.5	17.0	16.4	16.6	15 6	14.6	13.9	12.2	10.6	9.9	8.7	9.1	11 21
21	8.8	8.8	8.4	8.4	8.9	9.5	11.0	13.4	16.0	17.1	18.4	17.8	18.8	20.4	17.1	18.4	16.2	15.0	13.4	17.2	11.4	10.9	10.7	10.7	13 57
22	10.2	9.8	10.0	9.6	9.8	10.2	10.2	10.8	11.5	12.4	15.7	16.7	17.3	18.8	18.6	17.8	17.4	16.2	14.6	13.8	13.0	12.2	11.8	10.8	13 26
23	10.6	10.5	9.5	8.6	8.4	8.6	11.2	13.5	16.6	18.8	21.1	20 9	21.4	21.5	22.1	22.7	21.0	9.2	17.5	15.7	15.0	14.6	14.2	13.6	15 26
24	13.8	12.4	12.4	12.2	12.8	12.8	14.2	14.0	15.7	16.7	14.8	16.8	19.2	19.8	18.8	16.7	14.5	13.0	12.8	12.6	13.0	12.2	12.2	12.0	14.33
25	11.7	11.4	11.8	11.2	11.0	11.7	12.8	13.4	13 2	14.8	15 4	17.6	16.4	15.9	14.2	13.8	12.7	12.5	12.2	11.6	11.6	11.3	11.2	11.1	12 87
26	11.0	10.9	10.9	10.7	10.6	10.7	11.1	10.8	10.4	9.7	10.4	10.2	11.2	11.8	11.5	10.7	10.8	9.7	9.3	8.8	8.6	8.4	8.3	8.3	10.18
27	7.9	7.7	7.4	7.0	6.4	7.1	8.8	10.4	12.2	12.5	14.2	14.7	15.7	15.4	17.7	17.1	14.9	12.6	16.7	15.0	9.6	8.9	8 4	8.0	11.51
28	7.6	7.8	7.6	7.8	8.1	9.8	9.9	10.0	11.0	11.2	11.6	10.8	8.7	7.8	8.7	8.9	9.0	8.9	8.8	8.8	7.5	7.5	7.8	6.8	8.77
29	6.7	6.6	6.2	5.5	5.9	7.0	8.6	9.9	13.4	14.6	14.4	15.4	17.6	16.8	16.5	16.0	15.6	15 0	14.8	14.8	14 0	12.6	11.6	11.1	12 07
30	10.7	10.3	10.0	9.8	9.8	10.2	10.6	10.4	10.1	10.1	9.6	10.2	10.1	11 4	14.1	15.8	16.0	14.8	12.8	10.8	9.8	9.4	9.4	9.1	11.01
31	8.8	9.0	8.9	8.8	8.8	8.2	9.9	12.2	16.0	16.6	18.0	18.8	20.4	21.4	20.8	20.4	21.4	18.5	17.6	16.5	16.4	15.5	14 5	11.7	14.92
M.	9.48	9.20	9.01	8.60	8.37	8.92	10.38	11.90	14.11	15.32	16.62	16.87	17.36	17.89	17.54	17.31	16 41	14.81	13.69	12.58	11.68	10.97	10.41	10.00	12.87

Juni 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	11.8	11.2	10.9	10.5	10.8	11.8	12.6	12.9	16.9	18.8	18.8	20.8	20.8	23.0	20.5	23.4	20.1	18.4	18.2	15.6	15.2	14.7	13.6	13.8	15.90
2	12.8	11.5	11.2	10.4	11.8	12.2	13.2	13.4	16.1	17.5	19.0	15.4	16.8	17.8	19.7	20.4	19.7	17.4	15.5	14.1	13.8	11.9	11.1	10.4	14 69
3	9.9	9.4	9.1	8.7	8.8	9.5	10.9	13.8	16.8	19.7	21 8	21.4	21.1	20.7	22.4	20.4	20.7	23.8	17.4	14.8	12.8	11.9	12.2	11.7	15.86
4	10.9	10.0	11.1	10.9	12.6	12.8	11.9	11.7	14.2	10.7	11.8	12.0	11.9	10.8	10.7	10 6	9.5	9.5	8.9	8.8	8.8	8.5	8.4	7.9	10 62
5	7.5	7.2	7.1	7.1	7.0	6.9	7.0	7.8	7.6	8.5	9.7	9.7	9.4	9.9	10.0	9.5	11.0	9.1	7.7	7.1	7.4	6.8	6.9	6.8	8.09
6	7.0	6.7	6.6	6.8	6.7	7.4	8.2	10.8	10.2	11.4	12.1	14.4	12.0	12.9	11.5	10.9	10.8	10.0	9.6	9.2	8.8	9.1	8.8	10.2	9.65
7	10.3	8.7	8.8	8.8	8.7	8.6	8.6	8.7	9.1	9.5	12.1	14.6	14.6	14.6	15.2	13.6	13.1	12.5	11.1	10.1	9.8	10.1	8.7	6.8	10.68
8	5.6	5.0	4.5	4.4	4.2	5.1	6.8	9.1	12.8	14.5	17.8	18.1	18.8	19.9	19.6	19.1	18.5	17.1	14.2	11.7	10.7	9.4	8.5	8.9	11.82
9	8.5	8.1	6.8	6.8	6.8	8.1	10.8	13.8	18.0	19.5	21.4	22.8	23.7	24.2	25.2	24 2	21.7	20.4	20.2	17.1	15.2	14.2	13.0	12.5	15.92
10	11.9	11.9	11.6	11.0	10.7	11.7	14.2	16.5	21.0	22.6	23.8	25.7	26.2	25.8	27.1	26.1	25.7	23.8	22.2	18.7	17.6	16.1	17.1	16.0	18.94
11	16.1	15.5	15.2	14.4	14.7	16.5	17.8	19.2	20.0	22.2	23.1	22.2	23.8	23.1	22.4	20.5	18.8	17.5	16.7	15.8	14.2	13.5	13.1	12.8	17.84
12	12.4	11.8	11.2	10.9	11.0	11.0	11.8	11.4	12.6	12.8	13.2	15.4	17.9	14.7	17.0	15.4	15.7	14.4	12.7	11.4	10.2	9.2	9.1	7.5	12.51
13	6.5	6.4	6.4	7.1	7.4	8.7	10.0	9.7	10.0	10.4	12.0	12.9	13.8	14.2	15.4	15.0	15.8	15.0	14.1	12.7	11.0	10.8	10.5	10.7	11.06
14	11.0	11.6	11.4	11.1	11.2	11.7	12.8	13.5	13.8	13.9	12.0	11.1	10.8	11.6	11.8	12.5	12.8	12.2	11.9	11.1	10.1	10.0	9.7	9.4	11.63
15	9.0	9.0	8.8	7.3	7.5	8.4	9.2	8.8	11.5	12.4	12.5	14.2	14.8	16.7	15.8	14.7	13.9	13.5	12.5	10.6	10.0	9.3	9.2	9.0	11.15
16	8.9	9.7	8.8	8.0	7.9	8.4	9.2	9.9	10.5	12.9	13.8	14.2	16.6	13.6	16.6	16.3	11.6	9.3	8.7	9.0	8.9	8.8	8.5	8.1	10.76
17	8.3	7.6	7.3	7.1	7.1	6.8	7.3	8.3	8.4	8.5	8.9	10.8	9.2	7.5	11.5	7.8	10.1	7.5	7.2	5.9	6.0	6.0	5.6	5.5	7.76
18	5.2	5.0	4.9	4.4	4.5	5.0	5.6	5.6	6.8	7.8	7.0	8.0	7.4	8.5	7.8	8.8	8.2	7.3	6.8	6.5	6.6	6.4	6.5	6.4	6.50
19	6.3	6.3	6.3	6.2	6.4	6.7	6.8	6.9	7.2	7.8	10.0	12.0	12.6	12.1	11.6	12.5	12.9	12.2	12.0	11.1	8.4	8.5	8.2	7.9	9.09
20	8.7	8.5	8.5	8.1	8.9	9 8	11.4	12 9	14.5	15.1	13.3	13.2	13.2	13.5	12.8	12.5	12.4	11.5	10.2	9.6	9.4	9.1	9.0	8.8	11.02
21	8.4	8.4	8.0	7.6	7.2	8.9	9.2	10.7	13.3	13.3	15.7	14.0	14.1	15.1	13.3	13.1	13.7	13.2	11.9	11.3	11.0	10.7	10.6	10.1	11.37
22	10.0	9.7	8.4	8.3	8.6	9.5	10.7	11.7	13.4	13.6	14.5	15.4	16.2	16.5	14.7	13.2	12.5	12.1	12.0	11.5	11.6	11.1	10.9	10.6	11.97
23	10.6	10.4	10.4	10.4	10.4	10.9	11.4	11.6	13.3	13.5	15.2	17.9	19.1	18.0	17.2	15.7	15 2	14.5	14.1	13.7	13.6	13.3	13.2	13.1	13.61
24	13.0	12.7	12.7	12.8	12.7	13.2	14.2	16.2	16.9	19.5	19.8	19.2	22.0	22.0	21.4	22.6	21.8	20.8	18.9	16.8	16.0	15.8	15.2	14.5	17.08
25	13.8	13.7	13.8	13.8	13.9	14.8	16.6	18.3	21.0	21.5	24.3	24.7	25.4	25.8	24 8	25.8	24.0	20.5	19.8	15.5	14.9	14.7	14.9	14.7	18.73
26	14.7	14.2	14.3	14.3	13.9	13.8	14.3	13.9	14.5	14.8	14.4	14.5	13.0	10.6	11.1	10.5	9.8	9.4	8.6	8.1	8.0	7.8	7.6	7.5	11.82
27	7.5	7.5	7.3	6.5	7.2	7.4	8.6	10.1	11.2	12.1	13.1	15.2	16.3	16.7	17.3	17.3	17.5	14.4	13.2	10.4	9.6	8.7	7.9	7.0	11.26
28	6.8	6.8	5.6	5.8	5.5	6.0	9.2	10.7	13.0	15.9	16.5	17.0	16.6	17.4	16.4	18.4	18.1	15.8	14.1	11.4	11.8	11.6	11.6	11.0	12.17
29	10.2	10.0	8.9	8.5	8.4	8.7	12.0	12.2	14.0	14.2	13.9	18.4	18.5	18.0	15.5	17.7	18.6	12.7	11.6	11.7	11.6	10.8	10.6	10.1	12.78
30	8.9	8.4	8.1	7.9	7.9	8.6	10.0	12.7	16.5	19.5	19.8	20.4	21.4	22.6	21.1	22.5	22.1	19.8	18.6	14.9	13.4	12.4	11.6	11.4	15.02
M.	9.73	9.41	9.18	8.81	8.98	9.61	10.78	11.69	13.50	14.48	15.29	16.17	16.58	16.59	16.51	16.85	15.86	14.52	13.84	11.86	11.21	10.69	10.89	10.02	12.56

Juli 1923. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	11.3	10.7	10.4	10.0	9.8	11.2	13.4	15.4	19.4	21.6	21.2	23.4	23.5	22.7	25.4	22.7	22.2	20.7	18.5	16.8	16.4	15.2	13.6	13.3	17.08
2	13.0	12.7	11.8	11.0	10.5	11.2	13.8	15.6	17.8	19.6	19.5	21.6	19.0	13.2	13.6	13.7	18.0	16.6	15.1	18.5	14.2	13.6	13.3	13.3	15.01
3	13.0	13.1	12.8	12.5	12.6	13.2	14.0	15.0	17.2	19.1	21.5	22.6	22.9	24.5	21.6	23.8	22.7	21.9	19.3	16.8	15.7	14.8	14.6	13.4	17.40
4	12.8	12.3	12.0	11.5	11.6	12.3	14.6	16.8	19.8	21.7	23.8	23.1	24.8	26.3	25.9	25.3	25.6	23.2	21.4	18.5	17.0	16.3	16.5	15.7	18.70
5	16.3	13.6	13.1	12.6	12.7	13.5	16.2	18.1	22.7	23.6	25.7	24.8	26.4	27.5	27.1	26.7	26.2	24.6	22.4	19.6	20.2	19.6	18.8	12.6	20.19
6	15.7	14.8	13.5	12.5	12.1	12.5	15.3	17.3	20.5	22.9	24.6	24.6	25.4	27.8	26.6	28.1	26.3	24.3	22.2	20.9	20.8	19.0	17.2	15.6	20.02
7	15.2	14.2	13.6	13.4	13.0	13.9	16.3	18.0	21.9	24.0	26.6	27.9	27.4	29.4	29.8	29.3	28.6	26.7	23.1	20.7	19.0	17.8	16.7	15.8	20.93
8	15.1	14.7	14.2	13.8	13.8	14.5	17.2	19.3	23.8	27.2	28.0	29.5	30.5	29.6	30.2	30.0	28.1	24.1	23.8	21.5	19.9	19.2	18.1	17.2	21.80
9	16.3	15.7	15.3	14.8	14.8	15.9	17.9	20.2	23.8	25.5	27.3	28.9	30.0	29.6	30.3	29.4	28.7	26.3	24.9	22.3	21.9	20.2	20.2	19.8	22.52
10	18.0	16.9	16.6	15.7	15.3	15.9	18.4	20.7	24.5	25.7	28.2	29.7	29.2	29.1	30.8	29.6	29.9	27.4	24.8	21.9	21.2	20.2	20.5	20.3	22.94
11	18.6	18.0	17.1	16.5	16.6	17.6	19.4	16.0	20.4	20.9	23.2	23.6	28.9	30.5	30.2	30.7	29.9	27.5	25.8	23.1	22.4	22.6	20.1	18.8	22.48
12	17.9	17.2	16.9	15.9	16.1	16.4	18.6	20.0	24.6	26.4	27.8	29.7	30.4	31.5	30.9	32.6	31.4	26.4	24.6	21.0	21.0	19.7	19.1	18.5	23.11
13	17.5	16.4	17.1	16.1	16.6	18.0	19.3	20.8	23.6	26.8	28.8	31.0	32.4	33.1	32.7	31.7	31.6	29.9	25.9	23.6	23.1	23.0	22.0	21.2	24.26
14	21.0	19.6	18.3	18.1	18.0	18.4	21.4	22.7	26.8	29.0	31.2	30.9	31.4	32.9	33.7	33.5	32.9	30.5	26.7	24.0	23.6	22.8	21.8	21.4	25.44
15	20.9	20.1	19.6	19.5	19.6	20.8	21.6	24.0	24.2	26.8	29.6	30.8	28.4	31.6	29.1	30.8	25.0	23.0	20.7	18.8	17.6	16.2	16.1	16.5	22.93
16	16.5	16.7	16.7	16.5	16.7	16.7	17.4	18.4	19.4	21.6	21.6	24.8	24.8	23.2	22.5	20.7	19.6	19.1	19.2	17.7	16.8	16.4	16.7	16.8	19.02
17	17.0	16.9	17.0	16.9	17.1	17.6	18.4	19.5	22.6	23.9	26.7	26.5	25.8	26.7	25.6	24.7	21.8	21.2	24.0	23.6	18.6	17.6	16.8	16.3	20.95
18	15.9	16.2	16.0	16.0	15.9	16.4	16.4	16.1	16.2	16.7	16.6	16.3	16.4	16.2	16.3	16.1	16.4	16.4	16.2	15.8	15.1	15.1	15.1	14.9	16.08
19	15.0	15.0	15.1	15.2	15.0	15.6	16.2	17.0	19.6	18.4	22.6	18.8	18.8	20.3	23.0	22.6	21.3	20.6	17.7	16.2	14.9	13.9	14.2	13.9	17.54
20	12.9	12.3	12.1	11.9	11.6	12.2	14.6	15.7	19.5	20.4	21.4	23.4	24.1	24.7	25.5	24.9	24.4	22.3	20.6	17.3	17.6	22.8	21.9	20.8	18.93
21	19.3	18.8	18.2	17.9	17.3	17.8	15.0	17.0	20.6	22.3	25.5	26.2	26.0	28.1	28.4	28.1	27.9	26.3	22.7	19.3	18.2	18.2	17.0	17.2	21.39
22	16.3	16.3	15.4	15.6	15.5	15.7	17.4	18.8	19.1	23.6	25.4	25.7	27.3	21.5	23.0	22.8	19.8	16.8	18.8	16.8	17.1	17.2	17.1	15.2	19.06
23	14.8	14.5	14.2	14.2	13.9	14.7	16.5	18.1	20.9	23.4	25.0	25.6	26.8	28.2	27.9	28.1	27.0	25.5	22.8	19.3	18.6	17.4	16.7	16.8	20.45
24	16.2	15.7	15.4	14.9	15.1	16.1	19.0	20.4	22.0	22.0	24.6	23.7	24.0	24.7	22.2	18.5	19.7	20.6	20.6	17.5	17.8	17.3	17.0	16.7	19.24
25	16.7	17.0	17.1	16.9	16.5	16.8	18.1	19.0	20.6	22.0	23.5	23.5	25.2	25.4	26.7	25.1	25.5	18.2	16.5	16.6	20.2	20.0	19.8	19.7	20.28
26	19.6	19.4	18.8	18.9	18.7	18.8	19.6	20.8	22.2	21.5	22.2	22.8	21.2	21.5	20.8	22.3	21.5	20.9	19.0	17.2	16.2	16.4	16.6	16.6	19.71
27	16.7	16.4	15.6	14.7	14.2	14.8	14.7	20.4	23.0	18.6	20.3	18.7	20.6	22.9	21.3	22.8	21.7	18.9	18.1	17.7	15.8	14.1	14.1	13.4	17.87
28	12.5	12.2	11.7	10.7	10.2	10.5	12.6	14.8	18.5	20.8	22.8	23.8	24.6	24.9	26.8	27.2	26.5	24.8	20.3	17.2	15.8	15.2	15.0	14.3	18.05
29	14.4	14.6	15.2	15.2	15.7	14.5	15.4	17.6	18.9	20.7	20.7	20.5	21.8	23.0	21.9	17.5	17.3	18.1	17.9	17.1	16.5	16.2	15.9	15.8	17.60
30	15.8	16.6	15.8	15.9	16.6	16.0	17.6	17.5	18.9	22.0	23.9	24.6	24.2	25.6	26.4	24.0	24.5	22.5	20.7	18.1	18.0	19.6	19.4	19.3	20.15
31	19.1	18.3	18.3	16.4	17.0	17.0	20.2	20.0	21.6	23.6	26.0	26.0	27.0	27.1	27.2	24.9	23.7	21.9	20.1	18.9	18.6	18.0	16.8	17.2	21.04
M.	16.17	15.71	15.32	14.89	14.84	15.37	16.98	18.42	21.12	22.64	24.38	24.92	25.46	25.91	25.92	25.39	24.70	22.77	21.11	19.17	18.38	17.92	17.38	16.70	20.07

August 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	16.0	16.3	14.8	14.4	14.7	14.8	14.6	14.1	13.9	18.5	17.3	22.2	22.2	23.3	22.5	22.7	21.6	20.4	13.0	14.6	13.6	12.6	12.4	11.8	16.76
2	11.5	11.0	10.6	9.9	9.7	9.4	11.8	13.8	17.9	20.3	23.2	24.5	25.8	26.5	26.8	26.8	27.0	26.0	21.5	19.3	19.8	19.4	19.0	18.2	18.74
3	18.2	18.0	17.4	16.7	17.2	17.7	19.4	21.2	23.8	21.0	18.7	18.7	19.7	24.3	23.1	22.5	20.9	19.8	18.2	17.2	17.2	16.8	16.2	15.8	19.15
4	16.0	15.9	15.4	15.0	14.2	13.6	15.0	16.5	18.4	20.6	21.7	22.8	22.8	23.4	25.1	24.6	24.2	22.5	18.5	15.9	15.8	14.5	13.7	13.3	18.29
5	13.1	12.5	11.6	11.2	10.6	11.0	13.4	15.7	18.2	21.0	23.5	24.8	24.8	27.0	26.3	27.0	26.1	24.8	20.7	18.1	17.1	15.6	14.7	14.0	18.43
6	12.9	12.4	12.0	11.7	11.4	11.9	14.2	16.1	19.6	23.2	25.2	27.1	27.8	29.2	28.6	29.1	27.0	27.4	22.7	19.5	18.3	17.5	17.0	16.2	19.92
7	15.3	14.8	14.4	14.0	13.6	13.9	15.8	18.3	23.4	25.4	28.1	29.7	30.7	30.7	30.5	30.4	29.4	26.9	22.5	20.6	20.2	19.7	19.2	18.6	21.92
8	18.0	17.6	17.6	16.4	16.6	16.7	18.8	19.9	24.0	26.4	28.7	30.0	29.2	29.4	30.9	30.5	31.1	26.9	22.1	19.6	19.1	18.2	17.1	16.4	22.54
9	15.8	14.7	14.4	13.9	13.5	13.8	16.2	18.6	23.0	26.5	29.3	30.8	31.2	33.1	34.0	33.0	32.5	29.0	23.7	20.5	20.6	19.3	18.8	17.9	22.67
10	17.2	16.7	15.2	15.1	14.6	14.7	18.2	19.8	23.6	28.0	30.0	31.8	33.9	34.8	35.1	34.1	33.0	31.3	28.0	23.8	23.0	21.7	20.8	19.8	24.30
11	19.1	18.4	18.2	18.4	17.9	18.0	20.1	21.1	22.7	24.2	26.5	27.5	28.2	28.5	28.6	27.8	27.4	25.6	24.8	22.8	22.4	21.1	20.5	19.0	22.80
12	18.3	17.4	16.5	16.2	15.8	15.4	17.0	18.1	19.5	22.2	22.8	25.8	25.7	27.2	27.6	26.8	26.2	24.8	21.8	19.4	19.2	18.4	17.2	16.1	20.60
13	15.9	15.5	13.9	13.4	13.0	13.0	15.8	16.7	20.4	22.5	25.9	27.8	28.4	29.2	30.0	30.1	28.5	26.6	22.6	20.3	19.4	19.8	18.4	17.2	20.97
14	15.8	15.2	14.8	14.4	14.0	14.6	16.6	18.6	21.8	25.8	26.9	28.5	29.6	29.7	31.5	31.7	30.2	28.4	23.4	21.6	20.6	19.7	18.7	17.8	22.08
15	17.0	16.5	15.9	15.4	15.0	15.5	17.5	19.4	21.4	24.4	28.2	30.3	31.6	31.7	31.5	29.8	26.4	20.0	19.7	19.9	19.8	19.2	18.5	16.8	21.78
16	16.0	15.6	15.2	14.5	14.1	14.2	14.8	14.8	14.8	16.4	18.6	20.8	20.6	21.7	22.5	21.8	21.3	19.9	16.3	14.9	13.6	12.6	11.9	11.1	16.58
17	10.2	9.5	8.9	8.5	8.2	9.1	11.7	13.0	16.0	18.5	20.3	21.3	20.6	20.4	20.6	20.7	20.6	19.8	17.8	16.8	15.2	14.7	15.1	14.7	15.51
18	17.4	17.5	17.2	17.2	16.6	15.9	16.6	17.9	19.8	20.6	21.2	22.2	22.6	24.0	21.6	21.1	20.9	20.2	20.1	16.2	16.3	16.8	13.0	12.2	18.55
19	12.1	12.4	12.2	12.6	12.7	12.8	13.4	13.8	15.8	16.6	15.6	18.8	16.6	19.8	18.0	15.1	17.7	15.6	14.8	14.5	15.0	14.8	14.1	13.0	14.89
20	13.8	14.0	14.1	13.7	14.2	12.5	13.3	14.0	14.6	14.6	14.7	16.2	18.8	20.0	19.0	17.6	17.0	16.6	15.3	13.7	12.8	13.1	12.5	12.5	14.94
21	12.6	12.5	12.2	11.9	11.9	12.2	13.4	15.1	18.6	22.8	25.5	26.2	27.2	29.6	29.1	28.7	27.6	25.4	21.1	19.2	19.2	18.4	17.8	17.0	19.80
22	16.0	15.1	15.5	16.6	16.9	18.1	15.9	14.6	15.2	15.5	16.5	16.6	17.2	17.7	17.8	18.1	17.1	14.8	14.6	13.9	13.2	13.0	13.2	12.8	15.66
23	12.2	12.0	12.0	11.9	10.9	10.9	12.0	14.1	16.3	19.8	21.8	23.4	23.4	24.7	24.8	24.5	23.6	20.7	16.7	15.5	14.6	14.4	14.3	14.3	17.08
24	13.6	13.2	12.2	12.1	12.2	12.1	14.6	17.0	20.0	21.7	20.0	14.7	17.6	16.8	16.0	15.8	14.8	14.7	14.6	14.0	14.9	14.6	14.6	14.2	15.25
25	14.0	13.0	13.4	13.0	12.9	12.9	13.8	13.9	13.5	13.5	13.6	13.5	13.6	16.9	17.3	17.6	16.8	15.9	14.8	13.4	12.2	11.5	11.3	10.8	13.88
26	10.5	10.0	9.9	8.9	9.6	10.1	11.4	12.3	13.5	14.9	18.5	21.3	21.4	21.9	21.2	22.5	20.7	17.5	14.8	13.8	13.3	12.6	12.5	12.1	14.80
27	11.5	11.0	11.1	11.8	11.8	11.6	12.5	14.9	18.0	21.5	23.9	26.0	25.4	24.7	23.3	18.4	15.6	14.3	14.3	13.2	12.8	11.9	11.7	11.3	15.96
28	11.3	11.9	12.7	11.8	12.0	11.4	11.6	11.9	14.7	14.8	16.8	18.2	19.0	18.0	19.7	19.1	18.4	16.3	13.7	12.4	11.6	10.8	10.4	10.4	14.12
29	9.8	9.7	9.7	8.1	7.6	7.9	8.6	11.6	15.7	19.5	20.3	21.3	22.0	22.6	23.4	23.0	21.6	19.3	15.3	14.3	14.2	14.1	13.7	13.9	15.32
30	13.4	14.3	17.8	16.9	16.9	16.1	15.4	15.2	14.4	15.0	16.3	19.2	20.4	21.5	20.8	20.5	19.1	17.2	13.4	11.7	11.4	10.6	10.7	10.2	15.79
31	10.4	10.6	9.9	8.9	8.6	8.6	11.4	11.8	12.7	12.1	10.5	13.8	13.7	13.0	12.6	12.6	12.9	12.5	11.9	11.9	12.0	12.8	12.1	11.7	11.62
M.	14.35	14.06	13.76	13.37	13.17	13.24	14.66	15.91	18.23	20.25	21.62	23.09	23.60	24.56	24.51	23.98	23.13	21.31	18.44	16.82	16.40	15.78	15.20	14.57	18.08

September 1923. **Stündliche Lufttemperaturen.** $h_t = 1.8^{m}$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	12.0	12.4	12.0	11.5	11.0	9.3	9.3	9.3	9.6	10.3	11.8	12.5	13.8	13.5	14.0	14.5	12.7	12.3	10.7	10.5	10.5	10.4	8.7	8.7	11.30
2	8.7	7.5	6.9	7.5	6.7	6.7	8.4	9.3	12.5	15.4	14.7	16.5	18.5	18.9	18.8	18.2	17.6	15.8	12.8	13.0	13.0	12.3	12.6	12.4	12.70
3	12.0	11.8	10.3	10.3	10.1	10.0	10.8	11.1	13.4	14.8	16.7	18.0	17.2	18.4	17.5	16.4	16.2	12.8	12.1	11.5	11.2	11.2	11.0	10.9	13.15
4	10.9	10.8	10.9	10.7	10.5	10.0	10.0	11.6	13.4	14.8	16.9	16.0	19.2	15.0	15.7	16.0	16.7	14.7	14.8	10.9	10.7	9.8	9.5	8.9	12 73
5	8.5	8.2	7.9	7.7	7.8	7.5	9.2	10.4	12.7	16.4	17.5	16.9	17.6	15.8	15.5	15.2	15.0	14.7	12.8	12.2	12.5	12.4	12.3	12.2	12 43
6	12.0	12.0	11.9	11.5	10.1	10.0	10.6	12.7	15.2	17.1	18.4	20.2	19.7	19.7	20.4	20.3	18.9	16.5	13.8	11.9	12.0	10.5	10.3	10.0	14.38
7	9.5	8.9	8.7	8.3	8.0	8.0	9.4	11.5	9.5	11.6	19.6	21.2	21.8	23.3	22.8	21.9	21.5	18.0	15.0	13.7	13.4	12.1	11.7	11.1	14.19
8	10.5	10 1	10.2	9.7	9.4	9.2	10.0	12.2	14.6	16.7	19.4	20.2	20.8	23.1	23.0	22.8	18.9	16.8	16.0	15.1	14.8	13.6	12.5	11.5	15 05
9	11.2	10.8	10.3	9.5	9.2	9.0	11.2	11.9	13.3	13.9	14.9	17.1	20.0	22.3	22.5	22.9	21.3	19.0	15.5	14.6	14.1	13.7	13.4	13.3	14.79
10	12.2	11.9	11.4	11.8	10.9	10.7	12.4	13.4	16.9	21.2	23.9	25.5	25.5	25.7	25.0	24.2	22.3	19.8	17.2	16.9	16.4	15.4	15.8	15 0	17.52
11	14.4	14.8	14.7	13.9	13.7	14.0	15.4	16.6	19.8	22.0	24.2	25.9	25.9	26.7	26.8	25.8	24.7	20.8	17.7	16.9	16.4	15.4	14.9	14.3	18.95
12	13 8	12.9	12.9	12.1	11.3	11.2	13.1	14.4	17.2	21.5	24.5	25.7	27.2	27.1	26.9	27.0	24.8	22.2	20.0	17.9	17.4	16.2	14.3	13 8	18.56
13	13.8	12.7	12.1	13.3	12.1	11.1	12.1	14.0	17.6	22.6	24.6	26.1	28.0	28.1	28.4	26.4	25.6	19.9	17.8	17.2	16.7	16.3	15.6	14.2	18.60
14	13.7	13.5	13.0	12.4	11.6	11.4	12.8	14.3	16.1	17.7	22.4	24.6	26.5	27.8	26.7	26.3	24.3	19.4	17.8	17.1	15.3	15.4	14.1	13.2	17.81
15	13.2	13.3	12.5	12.5	12 6	12.5	13.9	15.5	16.7	17.6	17.5	17.4	16.8	16.8	15.2	14.0	14.2	14 1	13.7	13.8	13.6	13.6	13.4	13.1	14 48
16	12.5	12.0	11.4	11.1	11.1	10.3	11.1	12.0	15.5	17.0	19.6	22.4	21.5	22.2	21.5	20.3	19.0	16.8	15.2	14.6	14.3	13.5	12.6	12.7	15.42
17	12.6	12.7	12.9	12.8	12.9	11.1	13.3	14.5	16.0	17.2	18.8	20.5	22.1	23.0	23.2	23 2	22.7	19.7	17.0	16.9	15.8	14.8	14.0	14.0	16.74
18	14.4	14.5	14.1	14.0	13.0	12.8	13.2	13.7	14 2	14.0	14.1	13.5	13.0	14 0	13.5	13.8	13.8	12.4	12.8	11.9	11.2	10.4	9.4	9.2	12.95
19	10.3	9.9	9.5	8.8	8.8	9.0	9.2	9.3	11.4	12.9	14.0	14.9	13.5	15.1	14.9	13.3	12.3	11.9	8.9	8.5	8.8	8.0	7.7	10.0	10.87
20	8.2	8.4	8.6	8.6	9.3	9.4	9.7	10.1	10.6	12.8	13.5	13.9	12.3	11.7	10.8	10.7	11.6	10.5	8.5	8.9	8.2	8.2	8.3	9.1	10 08
21	9.5	10.0	8.9	8.9	8.7	8.6	8.8	9.6	10.2	10.6	10.2	9.2	12.3	12.4	12.5	15.4	15.0	13.1	13.5	14.5	14.8	14.4	14.1	13.5	11.61
22	13.5	12.3	12.4	12.0	11.6	11.3	12.2	14.3	15.8	16.1	16.4	16.8	18.7	20.9	20.2	19.2	17.9	14.2	12.6	11.9	12.6	11.8	11.0	10.6	14.43
23	10.7	10.7	11.2	11.6	15.0	12.4	12.7	13.8	18.2	18.6	20.1	21.3	14.7	11.0	9.7	9.3	9.5	9.5	9.6	10.2	11.0	10.7	10.8	10.6	12 62
24	10.4	10.3	10.1	9.8	9.8	9.7	10.0	10.9	11.4	13.4	14.6	16.2	14.7	17.7	15.5	15.5	13.9	10.8	9.1	8.2	7.4	6.7	6.9	6.3	11.22
25	5.6	5.2	5 0	4.8	5.0	5.3	6.4	8.4	9.9	11.4	13.0	17.5	17.2	17.3	16.0	15.6	15.1	14.8	14.4	13 4	12.6	13.1	12.6	11.3	11 29
26	10.3	9.7	9.9	10.1	10.7	11.0	11.9	13.5	13.2	15.0	15.2	15.3	17.1	15.8	16.9	15.2	14.6	12.8	11.7	11.8	11.1	10.2	10.1	8.9	12.58
27	8.1	7.9	7.7	7.6	7.3	7.4	8.6	10.1	11.9	16.5	18.6	19.9	20.2	20.3	20.0	19.3	17.0	13.3	12.3	11.6	10.6	10.4	9.4	9.0	12.71
28	8.4	8.0	7.7	7.2	6.7	6.6	7.6	10.2	12.1	18.5	18.7	19.6	19.2	22 2	20.9	19.7	16.7	14.9	19.0	18.5	12.8	12.0	11.2	10.4	13.70
29	9.7	9.0	9.0	8.3	8.0	7.4	8.0	9.9	13.5	16.6	19.3	22.2	22.0	21.9	22.5	21.8	19.3	14.8	13.4	12.6	12.4	11.7	11.2	10.6	13.96
30	10.5	10.1	9.8	9.7	9.4	9.0	9.3	10.9	14.9	18.9	20.0	22.8	24.4	24 7	24.2	23.3	21.0	17.1	15.2	14.3	13.5	13.1	12.5	11.8	15.43
M.	11.04	10.74	10.46	10.27	10.06	9.78	10.69	11.98	13.89	16.10	17.77	18.99	19.38	19.74	19.38	18.92	17.80	15.41	13.91	13.37	12.84	12.24	11.71	11.35	14.08

Oktober 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	11.5	10.8	10.5	10.2	9.8	10.2	10.4	11.2	12.8	17.9	19.9	22.4	24.6	25.2	24.8	23.8	21.0	17.4	16.3	16.0	16.8	18.0	17.2	15.8	16.40
2	14.4	14.3	14.6	13.8	13.0	12.5	13.8	14.7	16.8	18.3	16.9	16.0	16.7	17.2	18.2	17.4	16.0	14.5	14.5	14.3	14.2	14.0	13.9	13.6	15.17
3	13.5	13.3	13.2	13.2	13.2	13.1	14.0	13.2	13.0	12.7	12 2	11.8	12.4	12.3	12.1	13.4	12.5	11.9	12.2	12.2	12.2	11.3	11.2	10.1	12.51
4	9.4	6.9	7.1	7.0	6.6	6.8	7.2	7.6	8.0	8.1	7.9	8.5	8.6	7.9	7.6	8 2	7.4	6.5	6.1	5.6	5.4	5.5	5.0	5.1	7 08
5	5.0	4.1	4.4	5.2	5.0	4.8	5.0	5.7	6.5	7.8	7.9	7.4	6.7	6.6	6.0	5.6	5.4	5.5	5.6	5.8	5.9	5.9	5.9	5.9	5.82
6	5.8	5.9	6.0	6.0	6.0	6.0	6.4	6.3	6.6	7.1	8.0	9.4	8.4	10.5	10.0	9.8	8.8	8.6	7.5	6.5	6.2	6.6	6.8	7.3	7.35
7	8.0	8.1	8.3	8.0	7.6	7.3	7.2	7.6	8.0	8.0	8.8	9.2	9.9	10.7	11.5	11.8	10.6	9.7	9.7	9.5	9.5	9.6	9.4	8.9	9.04
8	9.4	9.2	9.1	9.1	9.0	9.4	9.4	9.6	9.9	11.0	9.1	8.8	8.4	8.6	8.8	8.9	9.3	9.4	9.5	9.3	9.2	9.2	9.3	9.7	9.28
9	10.2	10.2	10.4	10.1	11.1	11.2	11.8	11.2	11.3	11.8	11.5	11.7	12.4	13.0	13.6	14 2	14.5	14.4	13.8	14.2	15.0	15.2	15.7	15.4	12.66
10	15.6	14.8	14.6	13.8	13.9	14.4	14.8	15.0	15.8	16.3	18.3	18.8	18.1	19.1	18.6	19.2	18.2	15.8	15.9	15.7	15.7	15.7	14.9	14.5	16.15
11	14.6	14.1	13.4	13.2	12.6	13.1	12.8	13.5	15.8	17.1	19.1	19.0	20.1	20.7	18.9	17.2	15.7	15.0	13.4	12.8	10.6	10.0	9.7	10.2	14.69
12	9.6	8.8	8.5	8.3	9.1	8.9	9.8	9.0	10.7	14.8	18.1	19.6	20.0	20.6	19.9	18.4	16.6	15.8	13.4	12.7	12.0	11.5	17.3	18.5	13.83
13	15.8	13.9	15.0	13.7	13.9	13.8	13.4	14.4	14.7	14.5	15.5	14.8	15.2	11.4	9.9	9.9	9.6	9.5	9.4	8.8	8.6	8.5	8.0	7.7	12.08
14	7.8	6.9	6.7	6.4	6.1	6.2	6.4	6.0	6.4	6.3	7.5	8.4	9.1	9.9	9.1	9.0	8.3	7.0	6.2	5.4	5.8	5.1	4.6	4.4	6.85
15	4.0	3.4	3.2	3.1	2.8	1.8	2.0	3.6	7.4	10.4	11.8	11.2	12.8	11.0	11.8	10.6	9.0	5.8	4.8	4.2	3.4	3.6	2.8	2.1	6 09
16	2.1	2.1	2.0	2.6	2.8	2.8	2.6	4.4	5.0	6.6	12.2	8.4	10.4	12.4	12.0	11.1	8.2	5.7	5.2	5.0	4.2	4.1	4.1	4.6	5.84
17	5.0	4.7	4.6	4.2	3.8	3.8	2.8	4.8	7.1	10.1	12.6	12.9	12.8	13.5	12.6	11.8	8.6	7.0	6.5	4.8	4.0	3.9	3.4	2.6	6.93
18	2.8	1.9	1.5	1.3	0.9	0.6	0.4	0.8	2.8	6.2	7.4	10.4	11.2	10.7	11.4	10.3	9.3	8.7	8.6	8.6	8.8	8.8	9.0	8.8	6.28
19	8.9	9.0	8.9	8.8	8.6	8.9	9.1	9.6	10.8	12.0	13.8	16.4	18.7	19.1	17.7	17.5	14.5	12.7	11.6	11.2	11.2	10.7	10.6	10.3	12.11
20	10.6	10.5	10.6	11.3	12.0	12.3	12.0	13.0	16.4	16.7	17.0	17.0	16.8	17.9	17.4	16.3	15.3	14.8	13.8	13.8	12.6	12.8	12.0	13.3	14.01
21	11.7	11.6	11.6	13.0	15.3	14.6	15.0	16.9	17.5	17.0	17.1	18.8	19.6	17.5	17.2	17.1	15.1	15.0	14.4	15.6	14.6	16.4	15.2	14.4	15.51
22	13.8	14.5	13.5	12.8	13.0	12.5	13.2	13.1	12.7	12.4	12.1	11.7	11.5	11.2	11.2	11.7	11.6	13.2	13.4	13.1	11.9	12.5	13.2	12.7	12.60
23	12.7	11.5	10.5	10.2	10.9	10.2	11.0	11.8	14.4	16.4	17.2	16.8	16.1	15.6	15.7	14.5	13.3	12.0	11.9	11.6	10.8	9.3	10.3	11.1	12.72
24	10.8	10.3	9.9	10.4	12.4	16.0	16.2	13.8	14.7	14.3	14.5	14.6	13.9	11.3	10.9	10.8	11.4	11.8	10.3	11.5	13.0	15.3	16.0	17.3	12.97
25	17.4	18.3	18.3	18.7	19.3	18.6	18.9	20.3	18.3	18.4	19.4	21.3	21.4	21.0	20.6	19.4	17.2	17.0	16.3	16.3	16.4	14.8	14.7	14.4	18.26
26	13.9	13.6	13.0	12.4	12.4	12.6	11.9	12.9	15.2	18.5	20.5	20.8	20.8	18.5	17.4	13.4	13.0	13.3	12.9	13.4	12.0	11.4	10.9	9.9	14.36
27	9.5	9.0	8.4	8.1	7.7	7.3	7.6	8.2	9.1	10.2	13.9	16.2	16.4	17.0	17.6	16.4	13.6	12.3	11.4	10.2	9.5	9.0	8.3	8.1	11.04
28	7.3	7.3	6.7	6.4	6.5	6.0	7.0	8.1	9.7	14.3	15.9	16.7	20.0	19.6	17.7	16.6	15.0	13.3	12.9	13.2	13.2	12.0	11.5	12.0	12.06
29	12.1	11.3	11.3	11.0	10.3	10.6	10.3	10.6	11.2	14.2	14.7	17.0	16.6	17.1	16.6	14.3	12.2	11.5	10.6	10.2	10.6	10.0	8.8	8.4	12.23
30	8.0	8.0	7.6	7.5	7.7	8.0	7.8	8.0	8.3	8.9	9.2	10.8	12.0	12.0	11.9	11.4	9.3	9.0	9.3	9.0	9.0	8.6	8.4	8.2	9.08
31	8.4	8.4	8.3	8.2	8.3	8.4	8.2	7.9	8.2	8.7	9.1	10.2	11.6	13.5	13.1	11.8	10.0	8.8	9.2	9.1	8.4	8.3	8.2	7.7	9.25
M.	9.96	9.62	9.43	9.29	9.37	9.41	9.64	10.07	11.13	12.48	13.52	14.10	14.62	14.60	14.25	13.61	12.27	11.38	10.87	10.65	10.33	10.24	10.20	10.10	11.30

November 1923. **Stündliche Lufttemperaturen.** $h_i = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	7.7	7.4	6.9	6.5	6.6	6.9	7.0	7.2	7.8	7.9	8.6	9.0	9.0	9.4	9.7	9.4	9.2	9.2	9.2	9.0	8.6	8.4	8.2	8.2	8.21
2	8.1	7.7	7.3	7.4	7.6	8.0	7.7	7.9	8.0	8.9	11.3	12.8	12.6	12.2	12.4	11.7	11.1	11.2	11.0	10.6	10.3	8.9	8.0	7.6	9.60
3	7.5	7.4	7.2	7.1	7.0	6.8	6.7	6.8	8.6	8.9	9.4	10.6	10.2	9.8	9.8	9.1	8.8	9.0	8.9	8.0	6.8	7.8	8.8	8.4	8.25
4	8.4	8.6	8.8	8.9	8.5	8.7	8.6	8.7	10.8	11.0	11.2	11.8	11.2	11.3	10.9	11.0	10.9	8.6	8.8	8.0	7.0	6.9	6.5	6.1	9.18
5	11.0	10.7	10.7	10.5	10.7	10.9	6.1	6.2	7.0	7.6	8.5	9.2	9.4	9.7	9.1	8.4	5.6	4.6	4.2	4.8	2.9	2.9	3.6	3.8	7.40
6	4.2	4.5	5.1	5.6	6.5	6.6	5.8	6.8	8.0	7.8	6.7	6.8	6.5	6.7	6.4	6.2	6.0	5.9	4.7	5.8	5.8	5.8	5.4	5.1	5.95
7	5.2	5.2	5.1	5.0	5.1	5.1	5.0	4.9	5.0	5.2	5.3	5.8	6.2	5.8	5.6	5.0	4.6	4.0	2.6	2.6	2.0	1.4	0.9	1.8	4 33
8	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.6	0.8	1.1	1.7	1.8	1.8	1.8	2.1	1.8	1.8	1.7	1.5	1.5	1.4	1.1	1.1	1.0	1.21
9	0.8	0.6	0.4	−0.8	−1.4	−1.5	−1.8	−1.7	−0.2	1.8	3.3	4.7	4.8	4.2	3.5	3.0	1.6	1.8	1.8	1.2	1.0	1.0	1.1	1.1	1.20
10	1.1	0.9	0.8	0.7	0.9	0.8	0.7	0.9	1.3	1.9	1.8	2.0	2.6	3.5	2.9	2.8	2.1	2.1	2.0	2.1	2.8	2.3	2.4	2.6	1.79
11	2.4	2.5	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.8	3.9	4.2	4.0	3.9	3.6	3.2	3.0	2.9	3.0	2.7	2.5	2.6	2.5	3.10
12	2.2	2.1	2.3	1.9	1.9	1.9	1.6	1.6	1.6	1.9	2.8	2.9	3.4	4.3	4.3	3.7	3.8	3.4	3.0	2.9	2.6	2.7	2.6	2.1	2 65
13	1.7	1.6	1.0	0.4	0.8	0.4	1.6	1.9	1.4	2.1	3.5	7.2	8.6	7.6	7.6	7.8	6.7	6.8	5.8	5.0	4.4	3.9	2.8	2.6	3.86
14	1.9	1.6	1.6	1.2	1.0	1.0	1.6	3.0	4.0	4.7	5.0	7.6	10.8	10.5	10.4	9.8	9.8	10.1	10.2	10.1	9.2	7.8	5.6	5.2	5.97
15	5.1	5.0	4.8	4.8	4.0	3.8	3.0	3.4	4.9	6.2	8.0	8.6	8.1	8.0	6.6	5.2	4.4	3.1	2.9	3.2	4.4	5.4	5.0	3.1	4.98
16	2.8	3.5	3.0	4.9	6.1	7.6	8.0	8.0	9.6	9.7	10.1	10.8	11.4	11.4	11.8	11.1	8.6	8.1	8.1	7.8	8.4	7.6	7.2	7.8	8.02
17	7.2	6.9	7.1	7.1	7.1	7.2	7.4	7.5	8.1	10.6	10.9	13.6	12.2	12.8	12.0	11.5	10.4	9.7	8.9	8.7	6.0	5.4	5.6	5.6	8.73
18	5.7	5.8	5.4	4.6	4.0	2.9	3.7	3.6	5.8	5.4	7.4	7.9	8.8	8.5	7.2	6.1	5.7	4.7	4.4	3.8	4.0	3.5	3.1	2.7	5.15
19	0.5	1.0	1.0	1.2	1.4	1.5	1.4	1.8	1.9	2.7	3.6	3.8	2.4	1.7	0.7	1.3	1.7	0.8	0.8	1.1	0.4	0.4	0.5	1.1	1.40
20	1.1	1.1	0.4	0.4	0.9	1.1	0.8	0.5	2.1	3.6	3.2	5.7	4 2	4.5	3.7	3.2	2.7	2.4	1.9	1.7	1.4	1.6	1.6	1.1	2.12
21	1.3	0.8	−0.7	−1.1	−1.2	−1.8	−1.1	−0.6	1.8	2.9	5.0	4.6	5.0	4.9	3.7	1.6	0.8	−0.8	−0.9	−1.6	−1.9	−2.2	−2.7	−3.0	0.55
22	−3.5	−3.8	−4.3	−4.4	−4.6	−5.1	−5.1	−4.5	−3.2	−1.7	1.8	1.7	2.6	3.0	2.4	0.8	−0.2	−1.2	−1.6	−1.5	−1.8	−2.6	−3.0	−2.6	−1.79
23	−2.9	−3.2	−3.4	−3.8	−3.4	−3.4	−3.4	−2.8	−2.6	−0.8	2.5	2.6	3.8	2.6	2.2	0.8	1.2	0.7	0.9	0.8	0.0	0.1	0.2	−0.2	−0.46
24	−0.4	−0.4	−0.2	−0.2	−0.4	−0.5	−0.8	−0.6	0.4	0.6	0.8	1.5	1.8	1.9	1.9	1.0	0.4	0.8	0.8	0.2	0.2	−0.1	−0.1	−0.4	0.28
25	−0.2	−0.1	−0.1	−0.1	−0.5	−0.5	−0.4	−0.8	0.1	0.8	1.4	1.2	1.4	1.1	0.9	0.8	0.7	1.0	0.5	0.5	0.4	0.2	0.1	−0.1	0.87
26	−0.6	−0.8	−0.9	−0.7	−0.4	−0.4	−0.1	0.0	1.5	0.9	0.9	1.4	0.7	0.8	0.2	0.0	0.2	1.0	1.1	1.2	0.4	0.4	0.6	0.6	0.81
27	0.4	0.9	1.0	0.9	0.8	0.8	1.4	1.1	1.8	2.0	2.4	2.7	2.8	2.5	2.3	2.0	2.0	1.8	1.9	2.0	2.0	1.8	1.8	1.9	1.69
28	1.9	1.6	1.5	1.2	1.3	1.3	1.4	1.7	1.9	2.0	2.8	3.6	3.4	3.1	3.0	3.0	3.8	3.8	4.2	4.8	5.3	5.2	4.6	3.7	2.92
29	2.3	1.9	2.1	1.2	1.6	0.9	0.8	0.7	1.4	2.1	3.3	4.1	4.8	4.8	4.8	3.7	3.8	3.6	1.8	1.2	1.0	1.7	2.3	3.4	2.43
30	2.9	3.0	2.3	2.6	2.0	1.2	1.8	1.8	3.0	4.8	6.6	6.9	6.4	6.1	5.9	5.2	4.7	4.4	3.7	4.2	4.2	4.1	3.6	3.3	3.95
M.	2.89	2.82	2.63	2.55	2.56	2.52	2.43	2.62	3.48	4.21	5.09	5.84	5.99	5.92	5.56	4.99	4.52	4.16	3.82	3.71	3.36	3.18	2.98	2.84	3.78

Dezember 1923. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	3.2	3.0	2.9	2.8	2.6	2.5	2.6	2.3	2.2	2.2	2.4	2.4	2.0	1.8	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.2	1.0	0.6	2.00
2	0.6	0.7	0.5	0.5	0.4	0.3	0.2	0.2	0.4	1.1	2.0	2.0	3.4	2.6	2.4	2.4	2.4	1.1	0.3	0.0	0.0	−0.1	0.8	0.8	1.04
3	1.0	1.5	2.2	2.0	2.1	0.9	2.0	2.2	3.0	3.4	2.4	2.8	3.8	4.0	3.7	3.7	3.0	3.8	2.8	2.3	2.1	1.7	1.5	1.0	2.43
4	0.7	0.4	0.1	0.8	0.2	−0.6	−0.9	−0.8	−0.3	3.9	5.0	4.3	5.6	4.8	3.9	3.0	1.2	1.3	0.6	1.4	0.8	0.7	0.9	0.9	1.58
5	1.0	1.0	1.1	1.3	1.8	2.4	3.5	2.7	2.6	2.2	4.3	3.5	4.4	4.6	4.5	4.1	3.6	3.4	3.2	3.1	2.2	2.2	2.1	0.6	2.73
6	0.5	−0.2	−0.7	−0.6	−0.8	−1.3	−1.4	−1.2	−1.2	−0.8	−0.5	0.2	0.8	1.2	1.5	1.6	1.7	1.8	1.8	1.9	1.8	1.1	1.1	1.0	0.39
7	1.1	1.2	1.2	1.3	1.2	1.2	1.4	1.4	1.5	1.8	2.5	2.9	3.0	3.1	2.9	2.8	2.2	0.6	0.3	0.0	−0.6	0.1	0.4	0.4	1.41
8	−0.4	0.2	0.5	0.5	−0.3	−0.5	−0.4	−0.1	1.9	2.9	4.2	5.2	4.6	4.6	4.5	2.9	1.5	0.4	0.3	1.8	0.4	1.1	1.0	1.3	1.59
9	1.8	1.6	1.0	1.4	1.2	1.7	1.4	1.3	1.8	2.5	3.3	4.1	5.3	4.3	4.5	3.7	3.4	3.1	3.5	2.8	3.0	2.7	2.9	2.6	2 68
10	1.4	1.1	0.8	0.6	1.0	0.9	0.4	0.7	0.8	2.4	3.5	2.7	2.6	2.8	2.4	1.2	0.6	−0.1	0.7	0.8	0.9	0.8	0.8	0.7	1.27
11	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.7	1.0	1.2	1.1	1.1	1.1	1.0	1.0	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.72
12	0.3	0.3	0.2	0.1	0.0	−0.1	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.2	0.0	0.0	−0.1	−0.3	−0.4	−0.5	−0.6	−0.6	−0.6	−0.6	−0.05
13	−0.9	−1.1	−1.2	−1.3	−1.4	−1.4	−1.0	−1.2	−1.0	−1.0	−0.9	−0.8	−0.9	−1.0	−1.2	−1.4	−1.5	−1.6	−1.7	−1.6	−1.6	−1.7	−1.6	−1.6	−1.27
14	−1.6	−1.7	−1.8	−1.8	−1.9	−1.8	−1.4	−1.4	−1.0	−0.9	−0.7	−0.7	−0.6	−0.4	−0.4	−0.6	−0.8	−0.8	−0.8	−0.8	−0.7	−0.7	−0.7	−0.8	−1.03
15	−0.7	−0.7	−0.7	−0.7	−0.6	−0.6	−0.6	−0.6	−0.4	−0.3	−0.3	−0.2	0.3	0.2	0.0	0.1	0.2	0.1	0.0	0.0	0.2	0.2	0.2	0.2	−0.20
16	0.2	0.0	0.1	0.2	0.1	−0.1	−0.6	−2.3	−0.6	1.2	2.4	3.2	3.2	2.7	1.6	1.2	1.1	1.2	1.4	1.4	1.4	2.1	2.1	1.6	1.03
17	1.9	0.9	1.4	2.2	2.6	2.3	2.8	2.9	3.6	4.5	4.8	4.8	5.2	4.9	4.8	4.1	3.8	3.7	3.8	3.5	3.4	2.4	2.6	3.1	3.33
18	2.9	3.0	2.9	3.1	3.2	3.8	3.6	3.8	4.8	5.2	6.0	6.0	6.0	6.9	6.5	6.0	5.8	5.7	5.4	5.3	5.2	5.1	5.3	5.4	4.85
19	5.5	5.2	5.6	4.9	4.7	3.4	3.4	2.9	3.1	3.0	2.9	3.0	3.2	3.3	2.9	2.3	2.0	1.7	0.5	0.0	0.0	−0.8	−1.4	−1.5	2.49
20	−2.4	−2.3	−3.5	−5.0	−4.0	−2.5	−3.4	−3.4	−2.7	−0.9	−1.2	−1.8	−1.8	−2.1	−2.6	−2.5	−2.4	−2.4	−2.8	−4.5	−6.0	−4.9	−5.1	−5.4	−3.15
21	−5.0	−4.9	−4.7	−4.8	−4.8	−4.7	−4.2	−4.4	−3.4	−2.8	−2.6	−2.5	−1.8	−2.4	−2.7	−3.0	−3.2	−3.4	−3.7	−4.7	−4.8	−4.9	−4.8	−5.1	−3.89
22	−4.7	−4.8	−4.7	−4.8	−4.7	−4.3	−4.4	−4.2	−3.7	−2.5	−2.0	−2.2	−2.0	−1.9	−2.1	−2.4	−2.6	−2.8	−2.9	−2.6	−1.2	−0.5	0.2	1.6	−2.74
23	2.4	3.0	3.3	3.2	2.8	3.0	3.4	3.0	3.3	3.6	3.1	4.0	4.8	2.0	0.9	1.3	2.0	2.1	1.8	0.6	0.7	0.8	0.4	0.7	2.34
24	−0.1	0.2	0.3	−0.2	0.0	−0.1	0.6	0.6	0.2	1.4	1.8	1.9	1.2	1.1	0.6	0.6	0.6	0.9	1.0	1.5	2.0	2.3	2.6	1.6	0.94
25	1.6	0.8	0.9	0.9	0.7	−0.5	−1.9	−3.3	−2.0	−0.9	−0.8	1.5	0.6	0.5	−0.7	−1.7	−3.2	−4.0	−4.6	−4.7	−4.2	−3.8	−3.5	−3.5	−1.47
26	−3.0	−3.1	−2.6	−1.0	−0.7	−1.2	−0.4	−0.4	0.4	1.7	2.8	4.3	4.4	3.3	3.4	3.5	3.7	4.2	4.1	4.3	4.0	4.2	4.3	4.1	1.85
27	4.1	4.2	2.8	2.3	3.1	3.4	3.2	2.8	2.4	1.9	1.6	1.9	1.6	0.9	0.4	0.4	0.6	0.3	0.1	0.0	0.0	−0.1	0.1	0.3	1.60
28	1.5	3.3	3.5	3.5	3.6	3.2	3.6	4.9	4.5	5.2	6.9	7.7	7.5	6.9	7.1	6.6	5.8	6.3	6.3	6.3	4.4	2.3	2.0	1.1	4.75
29	0.3	−0.3	−0.7	−0.9	−1.4	−1.9	−1.8	−2.8	−2.2	−1.4	−0.8	−0.7	−0.6	−0.6	−0.9	−1.1	−1.5	−1.4	−1.4	−1.8	−1.8	−2.7	−3.3	−4.7	−1.52
30	−3.8	−3.0	−2.6	−2.4	−2.4	−2.2	−2.1	−1.4	−1.2	−1.2	−1.0	−1.0	−0.8	−0.8	−1.3	−1.5	−1.7	−1.7	−1.8	−1.8	−1.8	−3.7	−4.5	−4.9	−2.11
31	−5.2	−5.8	−6.7	−7.7	−8.8	−9.7	−10.6	−10.6	−9.3	−8.6	−8.3	−7.7	−7.8	−7.0	−7.8	−8.4	−8.2	−8.3	−8.2	−8.2	−8.0	−8.4	−8.3	−8.4	−8.17
M.	0.16	0.14	0.07	0.04	0.00	−0.14	−0.08	−0.19	0.27	0.97	1.44	1.69	1.89	1.67	1.38	1.02	0.72	0.55	0.37	0.25	0.10	−0.05	−0.04	−0.21	0.50

1923. **Tägliche Maxima und Minima der Lufttemperaturen.** Zürich.

(Absolute Extreme.)

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	5.2	2.4	8.3	5.2	8.9	2.3	16.2	4.0	23.9	7.2	23.8	10.2	25.6	**9.7**	23.9	12.0	16.0	8.7	**25.8**	8.7	9.8	6.4	4.3	0.5
2	5.8	−1.2	8.8	4.0	8.2	0.6	14.7	2.4	26.7	7.3	21.2	10.3	22.6	10.3	28.1	9.4	19.5	6.6	19.8	12.5	13.6	7.3	3.6	−0.2
3	3.1	−2.1	8.9	0.8	7.8	2.7	16.9	0.3	26.7	10.1	22.9	8.5	24.9	12.5	25.6	16.7	20.0	9.7	14.6	10.1	11.6	6.2	4.0	0.7
4	2.8	0.7	4.4	0.3	5.3	1.0	14.8	0.6	24.4	9.9	15.1	7.9	27.6	11.3	26.0	13.3	20.3	9.1	10.2	5.0	11.3	6.1	6.7	−1.0
5	3.1	1.7	5.0	1.3	5.1	2.4	16.9	0.0	26.7	8.3	12.0	6.8	28.6	12.5	27.3	10.4	19.3	7.2	8.6	3.9	9.7	2.8	4.6	0.4
6	2.6	−1.9	2.4	0.4	6.4	0.6	17.7	5.0	28.8	12.6	14.4	6.2	28.7	12.0	30.3	11.3	21.3	9.9	11.2	5.6	8.0	3.5	2.0	−1.4
7	3.4	−1.7	8.8	−1.2	4.8	0.0	17.7	1.7	**29.8**	12.3	17.0	6.8	31.1	12.8	31.7	13.6	23.5	7.9	12.3	6.9	6.2	0.9	3.1	−0.6
8	2.9	1.4	9.3	−0.5	8.7	1.9	5.2	0.9	28.7	13.4	20.6	4.2	31.5	13.5	31.5	16.4	24.2	9.0	11.1	8.5	2.1	0.3	5.2	−0.7
9	6.1	2.8	8.6	1.3	7.6	0.6	9.1	0.8	24.0	11.8	25.5	6.3	31.2	14.5	33.8	13.5	23.1	8.8	15.5	9.4	5.1	−1.8	5.5	0.8
10	6.6	3.2	2.1	−1.3	5.0	0.2	17.1	−0.8	12.6	5.4	**27.7**	10.5	31.6	15.2	**35.7**	14.5	26.5	10.6	20.1	13.4	3.6	0.5	3.7	−0.2
11	2.9	−0.9	4.1	0.4	3.7	−0.5	23.0	2.1	15.0	3.2	25.1	12.8	31.6	16.2	30.9	17.5	27.1	13.2	21.0	9.6	4.4	2.4	1.2	0.3
12	0.2	−1.1	2.7	1.5	3.4	−1.2	**23.9**	7.8	16.4	3.2	18.7	7.5	32.4	15.6	28.4	15.1	28.0	11.1	20.9	8.3	4.5	1.4	−0.5	−0.7
13	3.5	−4.8	5.4	0.7	5.0	−1.8	19.7	9.0	17.6	**1.7**	16.9	6.4	33.6	15.9	30.8	13.0	**29.1**	11.0	15.4	7.7	9.1	0.2	−0.9	−1.8
14	3.7	−5.4	3.8	−0.5	3.1	0.4	12.6	3.2	17.6	6.7	14.7	9.5	**34.9**	17.6	32.7	14.0	28.1	11.2	9.9	4.4	12.2	0.8	−0.3	−1.9
15	3.8	−1.7	2.4	0.0	4.3	0.0	7.6	3.1	16.2	3.8	16 9	7.0	32.5	16.0	33.4	15.0	17.9	11.4	13.6	1.8	9.1	2.5	0.4	−0.9
16	2.7	−1.6	10.2	0.8	7.1	1.6	9.9	3.8	17.4	4.4	18.2	7.8	26.6	16.1	22.9	11.1	23.9	9.9	12.8	1.9	11.8	2.7	4.0	−2.6
17	0.5	−5.3	7.3	0.8	5.2	0.4	7.1	4.1	15.1	4.8	12.5	5.5	28.2	16.1	22.9	8.2	24.1	12.3	13.9	2.8	**13.8**	5.6	5.3	0.6
18	2.1	−5.1	8.0	1.7	4.3	−1.2	11.5	3.1	14.2	2.4	9.5	**4.1**	17.3	14.8	25.2	12.2	15.5	8.8	12.0	**0.4**	9.5	2.6	7.4	2.7
19	0.6	−7.5	5.3	1.6	5.4	−2.1	9.6	1.6	13.3	3.1	14.0	6.2	23.3	13.9	20.6	12.0	15.8	7.5	19.5	8.6	3.9	−0.1	5.9	−1.5
20	0.7	−7.2	7.0	0.0	12.9	**−2.9**	14.6	0.9	19.2	3.9	16.3	7.8	25.9	10.8	20.8	12.5	14.3	7.9	18.3	10.3	6.1	0.1	−0.7	−6.4
21	2.8	−5.3	6.8	**−1.9**	12.5	0.3	15.9	5.7	21.1	8.4	16.9	7.1	29.6	12.0	29.7	11.9	15.8	8.0	20.1	10.8	6.7	−0.3	−1.8	−5.9
22	1.4	**−8.9**	9.8	1.3	15.9	5.4	19.9	4.5	19.5	9.3	17.4	8.3	28.2	15.3	19.1	12.3	21.1	10.6	13.4	11.0	3.6	**−5.2**	1.6	−5.3
23	2.2	−7.3	8.4	−0.2	18.3	2.0	16.4	7.3	23.8	8.2	20.7	10.4	28.4	13.7	25.2	10.9	18.1	9.3	18.0	9.3	4.3	−3.9	5.1	−0.3
24	0.2	−6.2	**10.3**	−0.8	18.4	3.1	10.2	6.5	21.7	11.9	23.9	12.6	28.1	14.6	22.9	11.0	18.2	6.3	16.3	9.7	1.9	−0.9	2.7	−0.4
25	1.7	−6.8	5.9	1.8	19.1	3.2	16.0	2.2	18.5	10.8	26.8	13.6	27.5	16.2	19.7	10.8	18.7	**4.3**	22.9	14.4	1.5	−0.7	1.6	−4.9
26	2.2	−2.8	9.8	4.5	19.2	3.6	20.5	4.4	12.5	8.3	14.9	7.5	24.0	15.8	22.8	8.9	17.2	8.9	21.9	9.8	1.2	−0.9	4.5	−3.5
27	1.7	0.0	9.9	4.3	**19.6**	3.6	11.2	7.2	18.0	6.4	18.7	6.4	23.5	14.0	27.0	10.8	20.9	6.6	17.8	6.9	3.0	0.4	4.3	−0.1
28	3.0	−1.2	9.4	3.0	18.6	4.0	7.8	5.0	12.3	7.3	18.7	5.2	27.8	9.9	20.1	10.4	22.7	6.2	20.3	5.8	5.2	1.1	**7.9**	0.2
29	2.9	−0.4			13.9	7.8	12.2	4.2	19.1	5.3	20.7	8.1	24.9	14.3	23.5	**7.5**	23.3	7.2	18.4	8.4	5.1	0.7	0.8	−4.7
30	3.7	1.9			13.1	5.3	19.4	5.2	17.0	9.1	23.3	7.8	27.0	15.4	21.9	10.2	26.0	8.0	12.5	7.4	7.3	1.1	−0.6	−5.0
31	**6.8**	2.0			15.4	2.7			22.5	7.8			28.4	15.6	14.2	8.4			13.5	7.7			−4.7	**−10.7**
Mittl. Max.	2.93		6.90		9.88		14.51		20.01		18.83		27.97		26.08		21.32		16.18		6.84		2.77	
Mittl. Min.	−2.27		1.05		1.48		3.53		7.37		7.98		14.00		12.09		8.91		7.77		1.39		−1.76	
Differenz	5.20		5.85		8.40		10.98		12.64		10.85		13.97		13.99		12.41		8.41		5.45		4.53	
Abs. Max.	6.8		10.3		19.6		23.9		29.8		27.7		34.9		35.7		29.1		25.8		13.8		7.9	
Abs. Min.	−8.9		−1.9		−2.9		−0.8		1.7		4.1		9.7		7.5		4.3		0.4		−5.2		−10.7	
Differenz	15.7		12.2		22.5		24.7		28.1		23.6		25.2		28.2		24.8		25.4		19.0		18.6	

1923. **Uebersicht über den täglichen Gang der Temperatur.** Zürich.

Abweichungen vom Monatsmittel.

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	0.10	−0.77	−0.75	−0.83	−0.89	−0.78	−0.90	**−1.03**	−1.00	−0.39	0.37	1.06	1.71	1.74	**1.85**	1.44	0.95	0.44	0.14	−0.07	−0.21	−0.32	−0.37	−0.55	−0.75
Febr.	3.85	−0.99	−1.06	−1.26	−1.44	−1.49	**−1.54**	−1.43	−1.28	−0.84	−0.08	0.83	1.59	**2.40**	2.37	2.35	1.91	1.16	0.56	0.24	0.01	−0.14	−0.51	−0.63	−0.77
März	5.21	−2.06	−2.38	−2.59	−2.73	−2.93	**−2.99**	−2.53	−1.79	−0.40	0.81	1.97	2.84	3.38	**3.80**	3.76	3.32	2.74	1.52	0.42	−0.01	−0.40	−0.94	−1.25	−1.67
April	8.35	−2 89	−3.18	−3.49	−3.77	**−4.02**	−3.99	−3.04	−1.75	0.17	1.62	2.75	3.59	4.40	4.63	**4.69**	4.20	3.65	2.08	0.78	−0.03	−0.69	−1.45	−1.81	−2.42
Mai	12.87	−3.39	−3.67	−3.86	−4.27	**−4.50**	−3.95	−2.49	−0.97	1.24	2.45	3.75	4.00	4.49	4.52	**4.67**	4.44	3.54	1.94	0.82	−0.29	−1.24	−1.90	−2.46	−2.87
Juni	12.56	−2.83	−3.15	−3.43	**−3.75**	−3.58	−2.95	−1.83	−0.87	0.94	1.87	2.73	3.61	4.02	**4.03**	3.95	3.79	3.30	1.96	0.78	−0.70	−1.35	−1.87	−2.17	−2.54
Juli	20.07	−3.90	−4.36	−4.75	−5.18	**−5.23**	−4.70	−3.09	−1.65	1.05	2.57	4.31	4.85	5.39	5.84	**5.85**	5.32	4.63	2.70	1.04	−0.90	−1.69	−2.15	−2.69	−3.37
Aug.	18.08	−3.73	−4.02	−4.32	−4.71	**−4.91**	−4.84	−3.42	−2.17	0.15	2.17	3.54	5.01	5.52	**6.48**	6.43	5.90	5.05	3.23	0.36	−1.26	−1.68	−2.30	−2.88	−3.51
Sept.	14.08	−3.04	−3.34	−3.62	−3.81	−4.02	**−4.35**	−3.39	−2.10	−0.19	2.02	3.69	4.91	5.30	**5.66**	5.30	4.84	3.72	1.33	−0.17	−0.71	−1.24	−1.84	−2.37	−2.73
Okt.	11.30	−1.34	−1.68	−1.87	**−2.01**	−1.93	−1.89	−1.66	−1.23	−0.17	1.18	2.22	2.80	**3.32**	3.30	2.95	2.31	0.97	0.08	−0.43	−0.65	−0.97	−1.06	−1.10	−1.20
Nov.	3.78	−0.89	−0.96	−1.15	−1.23	−1.22	−1.26	**−1.35**	−1.16	−0.30	0.43	1.31	2.06	**2.21**	2.14	1.78	1.21	0.74	0.38	0.04	−0.07	−0.42	−0.60	−0.80	−0.94
Dez.	0.50	−0.34	−0.36	−0.43	−0.46	−0.50	−0.64	−0.58	−0.69	−0.23	0.47	0.94	1.19	**1.39**	1.17	0.83	0.52	0.22	0.05	−0.13	−0.25	−0.40	−0.55	−0.54	−0.71

Januar 1923. Stündliche Barometerstände (700 mm). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	09.0	09.6	09.8	09.9	10.2	10.8	11.5	12.8	13.0	13.9	14.4	14.6	15.0	15.4	16.2	16.9	17.9	18.6	19.0	19.7	20.2	21.0	21.8	22.2	15.12
2	22.3	22.6	23.1	23.4	23.4	23.9	23.9	24.0	24.1	24.1	23.8	23.5	23.4	23.3	23.1	23.2	23.4	23.4	23.0	22.9	22.8	22.3	22.2	22.0	23.21
3	21.6	21.4	20.9	20.0	19.3	19.0	18.8	18.8	18.8	18.8	18.6	18.2	17.5	17.1	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.2	17.3	17.3	18.31
4	17.3	17.4	17.4	17.3	17.2	17.3	17.5	17.7	18.1	18.3	18.3	18.2	18.3	18.4	18.7	18.9	19.8	19.8	19.4	19.6	19.8	19.8	20.1	20.0	18.48
5	19.9	20.0	20.0	20.0	20.0	20.1	20.1	20.2	20.3	20.3	20.0	19.4	19.0	18.8	18.8	18.8	18.6	18.5	18.2	18.0	17.8	17.6	17.2	16.8	19.10
6	16.5	16.2	16.1	15.9	15.8	15.8	16.1	16.5	16.8	17.0	17.2	17.3	17.3	17.6	18.1	18.6	19.2	19.7	20.2	21.1	21.7	22.1	22.5	22.5	18.24
7	22.6	23.1	23.4	23.4	23.4	23.7	24.1	24.5	24.5	24.6	24.7	24.2	23.9	23.8	23.6	23.5	23.4	23.6	23.8	23.6	23.5	23.4	23.0	23.0	23.68
8	22.7	22.5	22.2	22.0	21.8	21.8	21.9	22.2	22.4	22.5	22.4	21.9	21.5	21.4	21.4	21.4	21.5	21.6	21.7	22.0	22.0	22.2	22.4	22.2	21.98
9	22.4	22.7	22.7	22.7	22.4	22.6	23.0	23.3	23.6	24.0	24.1	23.8	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.6	23.7	23.8	23.8	23.9	23.37
10	23.5	23.5	22.8	22.3	21.9	21.7	21.6	21.6	21.5	21.4	21.0	20.5	19.8	19.4	19.1	18.6	18.4	17.8	17.6	17.3	17.1	16.9	16.7	16.6	19.94
11	16.5	16.4	16.2	15.6	15.3	15.5	15.5	15.7	15.6	15.5	15.4	15.1	14.9	14.8	15.0	15.1	15.5	15.6	15.6	15.6	15.7	15.8	15.8	15.7	15.56
12	15.5	15.8	15.5	15.2	15.2	15.2	15.3	15.4	15.2	15.4	15.4	15.0	14.8	14.9	15.0	15.0	15.2	15.4	15.8	16.1	16.5	16.6	16.7	17.1	15.54
13	17.1	17.5	17.8	18.0	18.1	18.6	19.0	19.6	20.1	20.7	20.8	20.9	20.8	21.2	21.8	22.1	22.5	23.0	23.4	23.7	24.0	24.2	24.4	24.4	20.99
14	24.3	24.6	24.8	25.0	25.2	25.0	25.8	26.4	26.4	26.6	26.4	25.9	25.7	25.8	25.9	26.0	25.9	25.9	25.9	25.8	26.2	26.3	26.4	26.2	25.77
15	26.1	26.5	26.8	29.7	26.8	26.9	27.0	26.8	27.6	27.6	27.8	27.2	27.1	27.3	27.6	27.7	28.0	27.9	27.6	27.5	26.8	26.6	26.4	25.5	27.07
16	25.2	25.1	24.8	23.7	23.0	23.2	22.9	22.6	22.3	22.1	21.8	21.2	20.4	19.8	20.4	20.4	20.6	20.7	21.0	21.0	21.0	20.9	21.0	21.1	21.93
17	21.4	22.2	22.1	22.1	22.3	22.5	22.7	23.1	23.2	23.2	23.4	23.1	23.1	23.3	23.5	23.9	24.3	24.5	25.0	25.2	25.2	25.2	25.3	25.6	23.56
18	25.6	25.6	25.8	25.3	25.3	25.4	25.7	26.0	26.2	26.2	26.0	25.7	25.6	25.5	25.8	26.1	26.4	26.8	27.2	27.5	27.8	27.6	27.9	28.2	26.30
19	28.1	28.4	29.7	30.0	29.4	27.8	29.5	31.0	31.6	31.8	31.9	31.8	30.0	30.0	29.6	29.8	29.8	30.2	30.0	29.4	29.1	28.2	27.8	27.3	29.65
20	27.0	26.6	25.4	24.5	23.1	22.0	21.9	21.2	20.2	19.2	18.2	17.2	16.0	15.4	15.0	14.4	14.2	14.4	14.6	14.6	14.7	14.8	15.0	15.2	18.53
21	15.8	16.4	17.0	17.7	18.2	18.7	19.4	20.2	21.0	21.9	22.2	22.2	22.2	22.8	23.4	24.0	24.6	25.1	25.6	25.9	26.0	26.1	26.1	26.2	22.03
22	26.6	26.8	27.2	27.2	27.3	27.3	27.8	28.4	28.9	29.3	29.2	28.8	28.3	28.1	28.2	28.5	28.3	28.1	28.2	28.2	28.0	27.8	27.4	27.0	27.95
23	27.1	27.5	27.6	26.6	26.3	26.4	26.3	26.6	27.0	27.4	27.9	28.2	28.6	29.0	29.6	29.7	30.1	30.9	31.3	31.7	31.7	31.3	31.0	30.7	28.77
24	30.7	30.9	31.0	31.1	31.3	31.9	32.0	32.2	32.6	32.8	32.8	32.6	32.4	32.3	32.4	32.6	32.9	33.2	33.4	33.6	33.4	33.6	33.3	33.2	32.43
25	33.4	33.3	33.3	33.3	33.2	33.1	33.3	33.5	33.5	**33.7**	**33.7**	33.5	33.2	33.0	33.0	33.0	33.0	32.9	32.9	32.8	32.8	32.8	32.7	32.6	33.15
26	32.4	32.4	32.1	32.0	31.7	31.7	31.8	32.1	32.4	32.5	32.5	31.9	31.4	31.3	31.1	30.9	31.0	31.0	31.1	31.1	30.9	30.6	30.1	29.7	31.49
27	29.3	29.1	28.7	28.3	28.1	27.9	27.8	27.8	27.5	27.3	27.2	26.6	25.9	25.7	25.7	25.5	25.3	25.2	25.2	25.2	25.2	25.3	25.5	25.4	26.70
28	25.3	25.5	25.5	25.5	25.4	25.6	25.9	26.3	26.7	26.8	26.9	26.6	26.3	26.1	26.2	26.3	26.3	26.5	26.4	26.5	26.5	26.5	26.5	26.1	26.17
29	25.9	25.6	25.0	24.8	24.6	24.5	24.4	24.3	24.5	24.5	24.6	24.3	23.9	23.7	23.4	23.5	23.2	23.2	23.3	23.2	22.8	22.4	22.0	22.0	23.90
30	21.8	21.7	21.4	21.5	21.4	21.3	21.4	21.6	21.8	21.8	22.0	22.2	22.0	22.1	22.3	22.5	22.8	23.2	23.6	24.0	24.3	24.6	24.7	24.8	22.53
31	25.0	25.1	25.2	25.1	25.4	25.4	25.5	25.5	25.7	26.0	26.4	26.7	26.6	27.0	27.5	27.4	27.8	27.6	27.7	28.0	28.1	28.2	28.3	28.4	26.65
M.	23.16	23.28	23.27	23.10	22.97	22.99	23.21	23.47	23.65	23.78	23.77	23.48	23.17	23.15	23.28	23.38	23.54	23.68	23.82	23.91	23.95	23.93	23.91	23.84	23.49

Februar 1923. (700 mm). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	28.1	27.8	27.7	27.4	27.3	27.3	27.3	27.5	27.8	28.0	28.0	27.6	27.1	26.8	27.0	27.0	27.2	27.0	26.8	26.5	26.7	26.7	26.9	26.8	27.26
2	26.6	26.8	26.3	26.0	26.0	25.8	25.5	25.6	25.8	26.1	26.4	26.0	25.5	25.2	25.2	25.4	25.5	25.5	25.7	25.8	25.7	25.9	25.9	25.9	25.84
3	25.4	25.0	24.5	24.4	24.4	24.2	24.4	24.8	24.8	25.0	25.0	24.5	23.8	23.3	23.2	23.1	22.8	22.4	22.0	21.6	21.3	20.9	20.6	20.2	23.40
4	19.8	19.3	18.8	18.4	18.4	18.8	18.2	18.4	18.8	18.8	18.8	18.3	17.9	17.8	17.6	17.6	17.6	17.8	18.0	18.1	18.1	18.2	18.2	18.5	18.32
5	18.5	18.7	18.8	18.9	19.0	19.2	19.2	19.6	19.9	20.0	20.2	19.7	19.3	18.7	18.7	18.9	18.9	19.1	19.2	19.1	18.9	18.7	18.5	18.4	19.09
6	18.0	17.8	17.2	16.9	16.8	16.8	16.8	16.7	16.5	16.2	16.1	15.6	14.9	14.5	14.4	14.2	14.2	14.0	13.8	13.5	13.5	13.6	13.7	13.8	15.40
7	13.7	13.7	13.2	12.8	12.6	12.9	13.6	14.0	14.0	14.0	13.8	13.3	12.9	12.8	12.6	12.5	12.6	12.8	12.7	12.9	12.7	12.3	11.9	11.9	13.01
8	11.8	11.4	10.9	10.4	09.9	09.1	08.5	08.0	07.3	06.3	06.2	05.8	05.5	05.2	05.2	05.0	05.0	05.5	05.6	05.9	05.9	06.2	06.5	07.0	07.25
9	08.5	09.7	10.2	10.8	11.5	12.1	12.8	13.8	14.3	14.9	15.3	15.3	15.4	15.6	15.8	16.1	16.3	16.7	17.0	17.0	17.1	17.2	16.8	16.6	14.45
10	16.4	16.0	16.1	16.3	16.6	16.5	16.6	16.8	16.7	16.7	16.5	16.0	15.7	15.2	15.2	15.0	15.2	15.4	15.6	15.8	15.9	15.9	16.1	16.1	16.01
11	16.0	15.9	15.8	15.6	15.4	15.4	15.0	15.0	14.9	14.6	14.6	14.2	13.9	12.7	12.4	12.5	12.6	12.8	13.0	13.3	14.5	14.9	15.3	15.5	14.41
12	15.8	16.1	16.2	16.2	16.6	16.8	17.2	17.6	17.8	18.1	18.2	18.2	18.2	18.4	18.6	19.0	19.2	19.5	19.8	20.0	20.1	20.1	20.1	20.1	18.25
13	20.0	20.0	20.2	20.2	20.4	20.4	20.5	20.6	20.5	20.4	20.4	20.4	20.2	19.7	19.6	19.5	19.6	19.6	19.7	19.7	19.8	19.9	19.9	20.2	20.06
14	20.6	20.8	21.0	20.9	21.4	21.6	21.7	21.8	21.9	22.1	22.3	22.0	21.6	21.3	21.0	20.9	20.6	20.5	20.5	20.1	20.1	20.0	19.7	19.8	21.01
15	19.6	19.4	19.2	18.9	18.8	18.7	18.6	18.7	18.6	18.7	18.8	18.8	18.5	18.3	18.2	18.1	18.1	18.1	18.0	17.8	17.7	17.7	17.7	17.5	18.44
16	17.4	17.1	17.0	16.8	16.6	16.6	16.4	16.7	16.9	16.8	16.8	16.6	16.3	16.0	16.0	16.0	16.0	16.1	16.0	16.0	16.1	16.2	16.2	16.3	16.45
17	16.2	16.4	16.3	16.0	16.0	15.9	15.7	15.6	15.4	15.0	14.9	14.7	14.0	13.5	13.0	13.8	13.9	14.2	14.1	13.6	13.6	13.9	13.8	13.9	14.73
18	13.9	13.9	13.6	13.5	13.4	13.2	12.8	12.8	12.5	12.1	11.7	11.2	10.3	09.6	08.8	08.0	07.5	07.1	06.7	06.6	06.5	06.4	06.0	05.7	10.16
19	05.5	05.5	05.5	05.5	05.7	06.1	06.4	06.5	06.4	06.5	06.8	06.6	06.5	06.0	06.0	05.9	05.9	06.0	05.8	05.9	06.1	06.3	06.3	06.5	06.09
20	06.6	06.7	06.6	06.9	07.2	07.5	08.0	08.6	09.0	09.3	09.5	09.6	09.6	09.7	10.0	10.4	10.6	11.3	11.4	11.6	11.5	11.5	11.5	11.7	09.43
21	11.6	11.3	10.8	10.3	10.5	10.6	10.2	10.2	10.0	10.0	10.0	09.4	08.8	08.3	08.1	07.7	07.4	07.4	07.4	07.3	06.9	05.9	06.2	06.5	08.57
22	06.5	06.9	07.0	07.1	07.2	07.2	07.2	07.1	07.2	07.4	07.4	07.2	06.6	05.9	05.5	05.4	05.5	05.3	05.0	04.9	**04.8**	05.1	05.2	04.9	06.23
23	**04.8**	**04.8**	05.4	05.8	06.4	06.8	07.4	08.0	08.4	08.6	08.7	08.7	08.7	08.6	08.4	08.5	08.8	09.4	09.5	09.5	09.4	09.4	09.4	09.4	08.03
24	09.2	08.8	08.1	07.9	07.7	07.5	07.4	07.0	06.6	06.2	06.5	06.2	05.6	05.6	05.6	05.8	06.1	06.5	06.6	06.7	06.7	06.5	06.7	06.7	06.84
25	06.7	06.7	06.7	06.6	06.9	07.1	07.5	08.1	08.2	08.7	09.1	09.2	09.3	09.6	10.1	10.4	10.7	11.4	12.0	12.6	13.0	13.6	13.6	13.7	09.65
26	13.8	14.0	14.0	14.0	13.9	13.8	13.6	13.2	12.4	11.7	11.4	10.9	10.0	09.2	08.3	08.2	08.6	08.9	08.9	08.6	08.3	08.4	08.4	08.6	10.88
27	08.2	08.4	08.0	07.9	08.0	07.7	07.7	08.0	07.8	07.8	07.9	07.9	07.6	07.2	07.3	07.3	07.8	08.2	08.5	09.0	09.2	09.4	09.8	10.2	08.20
28	10.2	10.4	10.6	11.2	11.4	11.8	12.3	12.5	13.0	13.4	13.4	13.4	13.0	13.0	12.6	12.1	11.8	11.8	12.0	12.2	12.1	12.0	11.8	11.8	12.07
M.	14.62	14.62	14.49	14.41	14.50	14.53	14.59	14.76	14.76	14.76	14.81	14.55	14.17	13.85	13.78	13.79	13.79	13.94	13.98	13.99	14.01	14.02	14.03	14.08	14.28

März 1923. **Stündliche Barometerstände (700 mm +).** Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	11.6	11.6	11.7	11.4	11.6	12.4	13.2	14.0	14.2	14.3	14.6	14.5	14.7	14.6	14.6	15.2	15.6	16.0	16.3	16.5	16.5	16.4	16.2	16.0	14.32
2	15.6	15.2	14.6	14.1	13.7	13.4	13.3	13.2	12.9	12.8	12.8	12.4	11.8	11.4	11.2	11.1	10.7	10.0	09.6	08.7	07.8	07.0	05.8	04.8	11.41
3	03.8	02.7	01.8	00.9	00.2	99.7	00.1	00.4	01.0	01.8	02.2	02.5	02.4	02.4	02.9	02.9	03.5	03.9	04 1	04.1	04.5	04.7	04.9	05.1	02.58
4	05.2	05.5	05.4	05.4	05.6	05.8	06.3	06.7	07.3	07.7	08.3	08.5	08.7	09.3	09.4	09.8	10.5	11.6	12.3	12.9	13.5	14.0	14.5	14.7	09 12
5	15.0	15.5	15.7	16.1	16.6	16.8	17.4	18.0	18.3	18.9	19.2	19.3	19.4	19.5	19.9	20.2	20.6	20.9	21.3	21.8	21.9	22.1	22.2	22.4	19.13
6	22.4	22.4	22.4	22.5	22.4	22.6	22.6	22.9	23.1	23.1	23.1	22.8	22.4	22.1	21.9	21.6	21.5	21.3	21.3	21.2	20.9	20.4	19.9	19.7	21.94
7	19.5	19.1	18.8	18.3	17.7	17.1	16.8	16.5	16.1	15.9	15.9	15.6	15.3	15.1	15.1	14.7	14.6	14.6	14.8	14.6	14.4	13.9	13.5	13.4	15.89
8	13.2	12 8	12.7	12.7	12.6	12.6	12.7	12.6	12.5	12.4	12.4	12.2	11.9	11.8	11.7	11.8	12.0	12.2	12.4	12.5	12.5	12.4	12.6	12.8	12.42
9	13.0	12.8	12.6	12.8	12.9	13 0	13.2	13.6	13.9	13.9	13.8	13.8	13.5	13 4	13.2	13.6	13.9	14.4	14.6	14.7	14.8	14.7	14.7	14.6	13.72
10	14.5	14.3	14.1	14.0	14.0	14.0	14.1	14.1	14.1	14.0	14.0	13.8	13.4	13 2	13.1	13.0	13.1	13.2	13.4	13.5	13.5	13.4	13.4	13.4	13.69
11	13.5	13.3	13.0	13.0	13 1	13.3	13.6	13.8	13.9	14.1	14.2	14.2	14 3	14.5	14.8	15.1	15.3	16.2	16.8	17.3	17.7	17.9	18.2	18.5	14.98
12	18.8	18.9	19.0	19.2	19.6	20.0	20.5	21.0	21.4	21.5	21.8	21.9	21.9	21.9	21.9	22.2	22.4	22.8	23.2	23.4	23.6	23.5	23.4	23 4	21.55
13	23.4	23.1	22.9	22.8	22.8	22.8	23.0	22.9	22.7	22.6	22.5	22.4	22.0	21.5	21.3	20.7	20.6	20.6	20.6	20.4	20.4	20.3	20.2	19.9	21.77
14	19.6	19.2	18.9	18.6	18.3	18.3	18.4	18.4	18.4	18.3	18.0	17.6	17.5	17.1	17.0	16.9	16.9	16.9	16.9	16.9	16.6	16.4	16.4	16.1	17.65
15	15 9	15.8	15.7	15.8	15.8	16.0	16.4	16.6	17.0	17.0	17.0	17.2	17.4	17.4	17.5	17.8	18.1	18.8	19.4	19.8	20.1	20.3	20.7	20.7	17 68
16	20.9	20.8	20.8	20.9	21.0	21.3	21.5	21.6	21.8	21.9	21.8	21.8	21.8	21.7	21.5	21.4	21.4	21.6	21.8	21.9	22.0	22.0	21.9	21.9	21.54
17	21.8	21.7	21.6	21.5	21.5	21.5	21.7	21.8	22.0	22.2	22.3	22.3	22.3	22.2	22.1	22.0	22.0	22.0	22.0	21.9	22.0	22.1	22.1	22.0	21.94
18	22.0	21.8	21.6	21.8	21.9	22.0	22.4	22.4	22.4	22.5	22.3	22.4	22.7	22.6	22.6	22 5	22.5	22.6	22.7	22.7	22.7	22.7	22.7	22.8	22.38
19	22.8	22.5	22.3	22.2	22.1	22.1	22.1	22 2	22.3	22.4	22.5	22.3	21.9	21.7	21.5	21.5	21.6	21.8	22.1	22.2	22.1	22.2	22.1	22.0	22.10
20	22.0	21.8	21.5	21.5	21.5	21.5	21.7	21.7	21.5	21.2	20.8	20.4	19.8	18.8	18.2	18.0	18.2	18.6	18.9	19.0	19.2	19.3	19.3	19.4	20.16
21	19.5	19.5	19.4	19.5	19.8	20.0	20.4	20.2	20.2	19.9	20.1	19.8	19.5	19.4	19.4	19.5	19.7	20.0	20.3	20.6	20.6	20.6	20.5	20.5	19.95
22	20.7	20.7	20.6	20.6	20.7	20.9	21.1	21.2	21.4	21.5	21.6	21.4	21.0	20.7	20.2	19.5	19.8	20.0	20.1	20.2	20.4	20.4	20.5	20.6	20.67
23	20.6	20.4	20.3	20.2	20.0	20.3	20.5	20.8	20.8	20.6	20.4	20.0	19.8	19.6	19.4	19.4	19.6	19.7	20.1	20.3	20.3	20.3	20.3	20.5	20 17
24	20.6	20.9	21.2	21.4	21.6	22.0	22.5	22.8	23.2	23.1	23.0	22.8	22.4	22.3	22.1	22.1	22.1	22.4	22.8	23.3	23.4	23.5	23.6	23.7	22.45
25	23.8	23.8	23 9	24.0	24.3	24.5	24.9	25.0	25.2	25.0	24.8	24.4	23.9	23.8	23.8	23.8	23.8	24.0	24.4	24.8	25.2	25.4	25.4	25.5	24 48
26	25.6	25.3	25.2	25.2	25.3	25.4	25.7	25.7	25.9	25.0	25.5	25.0	24.7	24.3	23.9	23.7	23.6	23.7	23.9	24.2	24.5	24.6	24.7	24.9	24.81
27	25.0	25.0	24.9	24.9	24.9	25.0	25.0	25.0	25.1	25.2	24.7	24.4	24.0	23.6	23.4	23.1	23.0	23.2	23.2	23.6	23.8	23.8	23.8	23.9	24.23
28	24.0	24.2	24.2	24.2	24.2	24.6	24.8	24.4	24.2	24.1	24.1	23.8	23.6	23.2	23.2	23.2	23.5	24.1	25.0	25.4	25.4	25.5	25.5	25.4	24.32
29	25 8	25.2	25.0	24.9	25.0	25.2	25.4	25.4	25.6	25.7	25.7	25.4	25.1	24.8	24.8	24.8	24.8	25.0	25.3	25.5	25.6	25.7	25.7	25.5	25.27
30	25.8	25.2	25.1	24.9	24.9	24.8	24.9	25.1	25.2	25.2	25.2	25.2	25.0	24.7	24.4	24.2	24.1	24.1	24.3	24.4	24.3	24.2	24.0	23.7	24.68
31	23.6	23.4	23.0	22.8	22.7	22.5	22.5	22.5	22.1	22.0	21.5	20.8	20.4	19.8	19.4	19.0	18.4	18.4	18.2	18.2	18.1	17.7	17.6	17.4	20.50
M.	18.97	18.85	18.71	18.65	18.66	18.75	18.99	19.11	19.22	19.21	19.23	19.06	18.85	18.66	18.56	18.54	18 63	18.86	19.10	19.24	19.30	19.27	19.23	19.20	18.95

April 1923. (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	18.1	17.9	17.8	17.5	17.6	17.9	18.2	18.5	18.7	18.9	18.8	18.7	18.5	18.3	18.3	18.4	18.5	18.7	18.9	19.2	19.2	19.2	19.3	19.3	18.52
2	19.3	19.3	19.4	19.7	19.9	20.0	20.4	20.4	20.4	20.5	20.4	20.4	20.2	20.0	19.9	20.0	20.1	20.5	20.8	21.3	21.5	21.5	21.7	21.8	20.89
3	21.8	21.7	21.6	21.5	21.7	21.9	22.0	21.9	21.7	21.7	21 5	21.1	20.6	20.0	19.3	19.1	18.7	18.6	18.6	18.7	18.7	18.5	18.3	18.2	20.31
4	18.2	18.1	17.7	17.6	17.6	17.6	17.6	17.4	17.2	17.2	16.9	16.4	15.9	15.4	15.0	14 6	14.4	14.3	14.3	14.4	14.3	14.3	14.3	14.3	16.04
5	14.2	14.2	14.0	13.9	13.9	14.0	14.0	13.9	14.0	13.9	13.6	13.2	12.8	12.4	12.0	11.6	11.4	11.5	11.8	12.0	12.2	12.3	12.4	12.5	12.99
6	12.5	12.4	12.3	12.4	12.3	12.3	12.3	12.0	11.9	11.9	11.4	10.7	10.3	10.0	09.6	09.5	09.3	09.4	09.6	09.8	10.0	10.0	10.1	10.2	10.93
7	10.3	10.2	10.1	10.2	10.1	10.3	10.5	10.6	10.6	10.6	10.3	09.9	09.5	09.2	08.7	08.5	08.3	08.4	08.5	08.8	08.7	08.7	08.9	09.1	09.54
8	08.9	08.9	09.0	09.0	09.0	09.1	09.3	09.4	09.8	09.4	09.2	09.1	09.1	09.1	09.0	09.0	09.1	08.8	08.8	08.7	08.7	08.5	08.2	08.1	08.95
9	07.7	07.8	07.0	06.9	06.9	07.0	07.2	07.3	07.6	08.0	08.1	08.3	08.5	08.8	08.9	09.1	09.4	10.0	10.6	11.2	11.5	11.7	12.1	12.6	08.90
10	13.0	13.2	13.5	13.8	14.0	14.5	14.8	15.0	15.1	15.3	15.2	14.9	14.6	14.3	14.0	14.1	14.1	14.4	14.6	15.1	15.5	15.7	16.0	16.1	14.62
11	16.1	16.1	16.2	16.3	16.3	16.5	16.7	16.6	16.6	16.6	16.5	15.9	15.5	15.0	14.5	14.1	14.0	13.8	13.8	14.0	14.1	14.0	14.0	13.8	15.29
12	13.8	13.6	13.6	13.2	13.0	12.8	12.7	12.6	13.8	13.2	12.7	12.0	11.4	10.4	09.8	09.3	09.0	08.8	09.6	10.5	10.9	11.2	11.5	11.6	11.71
13	12.0	12.0	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.3	09.8	09.3	09.2	09.1	08.5	07.8	07.5	07.4	07.7	08.4	09.1	09.0	09.1	08.9	09.71
14	08.6	08 4	08.0	07.6	07.5	07.4	07.8	07.0	06.8	06.7	06.3	06.0	05.9	06.1	06.6	07.8	08.5	08.9	09.4	09 9	10.5	10.6	10.6	10.6	08.04
15	10.4	10.0	10.0	09.7	09.5	09.6	09.7	09.8	10.0	10 8	10.8	10.4	10.8	10.8	10.2	10.7	10.9	11.1	11.4	11.8	11.9	12.0	12.0	12.0	10.60
16	11.9	11.8	11.8	11.8	12.0	12.1	12.3	12.5	12.7	12.8	12.8	12.8	12.9	12.7	12.5	12.5	12.6	12.8	13.4	13.6	14.1	14.1	14.1	14.1	12.78
17	14.0	14.1	14.3	14.7	14 8	15.2	15.5	15.8	16.0	16.1	16.4	16.4	16.5	16.6	16.8	17.1	17.4	17.7	18.1	18.5	18.6	18.8	18.8	18.8	16.54
18	18.4	18.0	17.7	17.6	17.4	17.5	17.3	17.2	17.1	16.9	16.6	16.2	16.0	15.6	15.2	15.0	14.7	14.6	14.6	14.6	14.4	14.2	14.0	13.9	16.03
19	13.6	13.5	13.1	12.9	12.8	13.3	13.6	14.0	14.3	14.4	14.3	14.0	13.7	13.4	13.2	12.9	12.8	13.4	13.2	13.2	13.0	12.9	12.8	12.7	13.37
20	12.3	11.6	11.3	11.0	10.8	10.9	10.9	10.7	10.6	10.7	10.9	10.8	10.5	10.0	09.5	08.9	08.4	08.0	07.7	07.6	07.3	07.2	07.0	06.9	09.65
21	06.5	05.8	05.4	04.6	03.8	03.7	03.5	02.8	02.2	01.8	01.2	00.1	00.1	99.7	99.5	99.5	01.2	02.7	03.8	04.6	05.4	05.5	05.7	06.0	03.13
22	06.0	06.2	06.2	06.2	06.4	07.0	07.4	07.4	07.7	07.7	07.6	07.5	06.9	06.6	06.2	06.0	05.6	05.7	06.2	06.7	06.6	06.7	06.7	06.6	06.66
23	06.6	06.6	06.9	07.0	07.3	07.8	08.2	08.7	09.2	09.7	09.6	09.6	09.6	09.6	09.7	10.2	10.4	10.8	11.5	12.4	13.1	13.3	13.6	14.0	09.81
24	14.3	14.6	14.8	15.0	15.2	15.7	16.1	16.6	16.8	17.1	17.1	17.0	17.2	17.0	17.0	17.1	17.3	17.4	17.8	18.3	18.8	19.0	19.1	19.1	16.89
25	19.0	18.9	19.0	19.0	19.1	19.2	19.3	19.3	19.3	19.1	19.0	18.6	18.4	18.0	17.6	17.4	17.3	17.4	17.6	17.9	18.4	18.4	18.5	18.5	18.51
26	18.4	18.2	18.0	17.7	17.6	17.7	17.6	17.5	17.3	16.7	15.8	15.8	15.7	15.3	14.8	15.5	14.2	13.9	14.1	14.1	14.0	14.2	13.9	13.7	15.90
27	14.2	14.5	15.1	14.9	15.0	15.1	15.2	15.2	14.9	14.7	14.6	14.3	14.1	13.7	13.8	13.1	13.0	13.0	13.2	13.3	13.3	13.4	13.6	14.07	
28	13.6	13.7	13.9	14.2	14.5	14.8	15.3	15.6	15.9	16.2	16.2	16.4	16.7	16.8	16.9	16.9	17.1	17.3	17.5	18.0	18.2	18.2	18.2	18.1	16.25
29	18.0	18.0	18.2	18.3	18.3	18.6	18.9	19.0	19.1	19.2	19.1	18.9	18.9	18.8	18.8	19.0	19.5	20.0	20.4	21.0	21.4	21.4	21.5	21.8	19.42
30	21.9	21.7	21.8	21.8	22.2	22.4	22.7	22.9	23.2	23.4	23.2	23.0	23.0	23.0	23.2	23.8	23.8	24.0	24.8	24.9	25.3	25.4	25.7	25.8	23.41
M.	13.79	13.68	13.65	13.59	13.60	13.77	13.91	13.94	14.01	14.03	13.85	13.59	13.42	13.17	12.95	12.98	12.95	13.11	13.39	13.75	13.96	13.99	14.05	14.09	13.63

Mai 1923. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	25.8	25.9	26.0	25.9	25.9	26.8	26.5	**26.8**	**26.8**	26.6	26.4	26.0	25.9	25.6	25.8	25.8	25.2	25.2	25.4	25.7	25.9	25.9	25.9	26.0	25.98
2	25.9	25.7	25.7	25.7	25.9	26.0	26.1	26.0	25.8	25.8	25.4	25.0	24.6	24.0	23.6	23.2	23.0	22.7	22.7	23.1	23.2	23.2	23.2	23.2	24.53
3	23.0	23.0	22.9	22.7	22.7	22.9	23.0	22.7	22.6	22.6	22.4	22.0	21.8	21.4	21.2	21.2	21.3	21.6	22.0	22.4	22.8	22.8	22.8	23.0	22.37
4	22.9	23.0	23.2	23.2	23.3	23.7	23.9	23.9	23.9	24.0	23.7	23.2	23.1	23.0	22.7	22.6	22.6	22.4	22.4	22.7	22.9	22.8	22.8	22.8	23.11
5	22.7	22.4	22.4	22.2	22.3	22.4	22.5	22.7	22.9	23.0	22.8	22.4	22.2	21.8	21.4	21.2	21.1	20.8	21.0	21.3	21.4	21.7	21.7	21.9	22.01
6	21.9	22.1	22.2	22.2	22.3	23.0	23.0	23.3	23.4	23.3	22.9	22.6	22.3	22.0	21.4	21.4	21.2	21.2	21.3	21.8	22.0	22.2	22.6	22.6	22.28
7	22.3	22.2	22.2	22.2	22.2	22.4	22.6	22.8	22.8	22.6	22.3	22.0	21.7	21.5	21.2	21.1	21.0	21.0	21.0	21.6	21.9	21.9	22.1	21.9	21 94
8	21.9	21.7	21.6	21.8	22.0	22.3	22.3	22.1	21.8	21.4	21.0	20.4	19.1	19.6	19.3	19.0	18.7	18.3	18.3	18.5	18.5	18.3	18.3	18.3	20.19
9	18.1	17.8	18.0	17.5	17.5	17.8	17.0	16.6	16.8	15.8	15.8	15.8	15.8	15.4	15.1	14.6	13.1	12.8	12.4	11.6	11.2	10.6	10.1	09.0	14.80
10	08.0	08.0	08.0	**07**.8	08.6	09.0	09.4	09.5	10.1	10.7	10.7	11.2	12.1	13.4	13.9	14.3	14.2	14.2	15.0	15.0	15.4	15.3	15.5	15.5	11.87
11	15.4	15.2	15.6	15.6	16.0	16.0	16.1	15.8	15.6	15.5	15.8	14.7	14.4	13.8	13.4	13.2	13.1	13.1	13.3	13.5	13.9	14.0	14.0	13.9	14 60
12	13.9	13.6	13.3	13.0	13.0	13.2	13.0	12.9	12.6	12.4	12.2	12.1	12.6	13.8	14.8	16.2	17.0	17.4	18.0	18.5	19.0	19.2	19.2	19.3	15 01
13	19.3	19.2	19.0	18.8	18.8	18.8	18.8	18.7	18.7	18.6	18.2	17.6	17.3	17.0	16.7	16.6	16.4	16.2	16.4	16.7	16.8	16.5	16.4	16.2	17.65
14	15.9	15.8	15.5	15.1	14.9	15.1	15.1	15.4	15.4	15.4	15.4	15.2	15.5	15.6	15.0	14.8	14.9	15.1	15.2	15.9	16.1	16.2	16.3	17.0	15.49
15	17.8	18.9	19 5	19.6	20.0	20.1	20.0	19.9	19.6	19 2	18.8	18.6	18.4	17.9	17.5	17.2	17.0	16.8	17.0	17.0	16.8	16.7	16.7	16.5	18.23
16	16.1	15.8	15.6	15.4	15.4	15 8	15.1	14.5	13.7	14.1	14.2	14.7	15.9	17.5	19.4	19.4	19.6	19.7	19.8	19.9	20.1	20.4	20.4	20.8	17.18
17	20.2	20.2	20.2	20.2	20.4	20.6	20.8	20.7	20.8	20.0	19.8	19.5	19.8	19.0	18.7	18.4	18.2	18.4	18.6	18.4	18.5	18.3	19.2	20.0	19.50
18	20.6	21.1	21.4	21.3	21.6	21.9	21.8	21.6	21.6	21.3	21.3	20.9	20.6	20.3	20.1	19.8	19.3	19.4	19.8	20.3	20.6	20.8	20.8	20.7	20.79
19	20.6	20.4	20.3	20.2	20.1	20.0	20.0	19.8	19.7	19.6	19.4	19.2	19.1	19.1	19.3	19.6	20.1	20.2	20.3	20.5	20.6	20.7	20.6	20.4	19.99
20	20.2	20.0	19.8	19.8	20.0	20.1	20.1	20.0	19.9	19.8	19.7	19.4	19 3	19.0	18.9	18.8	18.8	19.0	19.1	19.3	19.6	19.8	20.0	19.9	19.60
21	19.8	19.8	19.8	19.7	19.8	20.0	20.2	20.3	20.4	20.4	20.2	19.8	19.6	19.3	19.4	19.6	20.0	20.1	20.6	20.8	21.0	21.0	21.1	21.1	20.16
22	20.9	20.9	20.9	20 9	21.4	21.7	22.0	22.4	22.5	22.5	22.3	22.0	21.7	21.4	21.4	21.4	21.3	21.4	21.9	22.2	22.5	22.6	22.6	22.4	21.80
23	22.3	22.0	21.7	21.6	21.6	21.7	21.6	21.4	21.0	20.8	20.5	20.2	19.9	19.6	19.3	19.1	18.9	19.1	19.4	19.6	20.1	20.2	20.0	19.9	20.48
24	19.8	19.6	19.5	19.4	19.4	19.7	19.7	20.1	19.9	20.0	19.9	19.8	19.3	18.8	18.5	18.7	18.7	18.9	19.1	19.0	19.1	18.9	18.7	18.3	19.28
25	18.0	17.4	17.1	16.8	16.6	16.4	16.3	16.1	15.9	15.7	15 5	15.0	14.7	14.4	14 3	14.1	13.9	13.8	13.8	13.9	14.0	13.6	13.5	13.0	15.16
26	12.8	12.6	12.2	12.0	12.1	12.0	12.0	12.1	12.2	12.8	13.2	13.3	13.9	14.0	14.2	14.4	14.4	15.0	15.4	15.7	16.2	16.3	16.5	16.5	13.85
27	16.4	16.6	16.7	17.0	17.4	17.7	18.0	18.6	18.6	18.8	18.6	18.5	18.4	18.3	18.0	17.6	17.3	17.2	17.0	17.1	17.2	17.3	18.0	18.0	17.68
28	17.9	17.7	17.7	17.5	17.2	17.0	16.9	16.8	16.5	16.5	17.2	17.8	18.7	19.4	19.7	19.7	19.8	20.0	20.4	20.8	21.0	21.2	21.2	21.2	18.74
29	21.0	21.0	20.9	21.0	21.2	21.3	21.3	21.0	20.6	20.4	20.0	19.9	19.4	19.3	19.1	18.8	18.7	18.7	17.9	17.5	17.7	16.9	16.4	19.64
30	16.0	15.8	14.9	14.9	15.1	14.9	15.3	15.9	16.6	17.3	17.2	17.3	17.7	18.0	17.8	18.0	18.1	18.3	18.4	18.5	18.7	18.6	18.7	18.3	17.10
31	18.3	18.5	18.4	18.4	18.4	18.5	18.3	18.6	18.6	18.7	18.4	18.2	18.1	17.6	17.6	17.3	17.1	16.9	16.8	16.8	17.1	17.2	17.7	19.4	17.95
M.	19.22	19.16	19.10	19.01	19.15	19.27	19.31	19.33	19.25	19.22	19.07	18.87	18.80	18.74	18.66	18.61	18.52	18.54	18.78	18.90	19.08	19.09	19.15	19.13	19.00

Juni 1923. (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	19.8	20.4	20.6	20.7	20.9	21.0	21.2	21.2	21.1	20.9	20.9	20.9	20.7	20.7	20.4	20.8	20.0	20.1	20.8	20.9	21.3	21.3	21.6	21.6	20.78
2	21.7	21.7	21.6	21.6	21.6	21.7	21.8	22.1	21.8	21.7	21.4	21.5	21.3	21.1	20.7	20.8	20.5	20.5	20.5	20.5	20.8	20.7	20.7	20.8	21.21
3	20.6	20.4	20.2	19.9	19.8	19.8	19.6	19.5	19.1	19.1	18.8	18.4	17.9	17.4	17.0	16.8	16.4	16.2	16.2	16.2	16.2	15.8	15.8	15.6	18.03
4	14.7	14.2	13.4	12.7	12.3	12.0	11.9	11.7	11.0	11.0	10.9	11.0	**10**.7	10.8	10.8	**10**.7	10.9	11.2	11.5	11.9	12.4	12.6	12.6	12.6	11.90
5	12.5	12.6	12.7	12.9	13.1	13.3	13.8	14.2	14.6	15.0	15.2	15.7	15.9	16.1	16.5	16.9	17.0	17.4	17.9	18.4	18.9	19.0	19.3	19.3	15.76
6	19.4	19.3	19.2	19.4	19.7	19.8	20.0	20.1	20.2	20.3	20.2	20.0	20.1	20.2	20.3	20.7	20.8	21.1	21.0	21.1	21.5	21.5	21.8	22.0	20.40
7	21.7	21.6	21.4	21.5	21.7	22.1	22.5	22.8	23.1	23.4	23.6	23.8	23.7	23.7	23.5	23.6	23.6	23.8	24.0	24.4	24.8	25.2	25.0	24.9	23.31
8	24.7	24.4	24.2	24.4	24.7	25.1	25.2	25.2	25.2	25.2	24.9	24.6	24.4	24.2	24.0	23.9	24.0	24.1	24.3	24.6	24.9	24.9	25.0	25.0	24.63
9	24.8	24.6	24.6	24.7	24.7	25.2	25.4	25.6	25.8	25.8	25.5	25.2	24.8	24.5	24.3	24.2	24.3	24.5	24.7	25.1	25.6	25.8	26.0	26.1	25.08
10	26.0	25.9	25.7	25.8	25.9	25.9	25.8	25.8	25.7	25.5	25.2	24.9	24.7	24.3	24.1	24.0	24.0	24.2	24.4	24.8	25.1	25.3	25.3	25.0	25.14
11	24.9	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.7	24.5	24.2	23.7	23.6	23.5	23.5	23 6	23.9	24.4	24.9	25.6	25.9	25.9	26.0	24.65
12	26.0	26.0	25.8	25.9	25.9	26.1	26.4	26.6	**26.7**	26.4	26.2	25.8	25.6	25.6	25.4	25.4	25.2	25.1	25.3	25.4	25.5	25.3	25.2	25.0	25.74
13	24.6	24.3	23.8	23.8	23.2	23.2	23.0	23.3	23.8	22.9	22.6	22.2	21.7	21.2	20.8	20.0	19.7	19.4	19.0	18.7	19.0	18.7	18.5	18.2	21.44
14	17.9	17.5	17.1	17.1	17.3	17.2	17.5	17.9	18.1	18.4	18.9	19.4	19.6	19.7	19.9	20.0	20.1	20.4	20.7	21.0	21.4	21.6	21.8	21.8	19.26
15	21.6	21.4	21.2	21.2	21.2	21.5	21.9	22.2	22.1	22.1	22.1	22.0	21.6	21.5	21.8	21.0	20.7	20.5	20.4	20.2	20.1	19.7	19.3	18.7	21.06
16	18.3	18.1	17.4	17.0	16.7	16.0	15.8	15.6	15.5	15.3	15.0	14.6	14.3	14.8	14.0	13.7	14.6	15.6	16.5	17.1	17.6	17.8	17.8	17.8	16.12
17	17.7	17.7	17.8	18.0	18.2	18.6	18.7	18.7	18.6	18.7	18.5	18.5	18.9	19.1	19.0	19.3	19.4	19.7	20.0	19.9	20.2	20.3	20.3	20.1	19.00
18	19.9	19.8	19.5	19.2	19.2	19.5	19.7	19.8	19.8	19.8	19.7	19.6	19.7	19.6	19.6	19.4	19.6	19.7	19.8	20.0	20.3	20.4	20.6	20.4	19.78
19	20.2	20.1	20.0	20.0	20.1	20.3	20.7	20.9	21.0	21.1	21.1	21.1	20.9	20.7	20.7	20.5	20.3	20.3	20.3	20.5	20.7	20.5	20.4	20.2	20.52
20	19.9	19.4	19.0	18.8	18.6	18.5	18.4	18.0	17.7	17.7	17.8	17.9	18.0	18.0	18.2	18.1	18.2	18.8	19.1	19.6	20.2	20.5	20.7	20.9	18.88
21	21.0	21.1	21.2	21.4	21.6	21.9	22.3	22.5	22.6	22.6	22.5	22.6	22.5	22.5	22.6	22.6	22.6	22.9	23.3	23.5	23.8	24.1	24.1	24.1	22.58
22	24.0	24.0	24.0	24.2	24.4	24.6	24.7	25.0	25.1	25.0	24.9	24.7	24.5	24.5	24.6	24.7	24.8	25.1	25.2	25.3	25.4	25.4	25.4	25.3	24.78
23	25.2	25.0	25.0	25.2	25.3	25.5	25.7	25.9	25.9	25.6	25.6	25.4	25.0	24.9	24.9	25.0	25.0	25.2	25.4	25.7	25.8	25.7	25.6	25.5	25.38
24	25.1	24.8	24.7	24.6	24.3	24.1	24.2	23.9	23.6	23.3	22.9	22.7	22.2	21.8	21.7	21.6	21.4	21.4	21.4	21.5	21.5	21.4	21.1	20.9	22.75
25	20.6	20.3	20.2	20.0	20.0	20.0	20.1	19.9	19.0	19.3	19.1	18.7	18.2	17.7	17.2	17.1	16.8	16.9	16.9	17.6	17.4	17.1	17.0	16.8	18.52
26	16.4	16.4	16.0	15.9	16.2	16.5	16.4	16.5	16.5	16.6	16.8	16.8	16.9	17.4	17.9	18.3	18.3	19.1	19.6	19.8	20.3	20.5	20.6	20.4	17.77
27	20.4	20.3	20.3	20.5	20.7	20.8	20.9	21.0	21.0	21.0	21.1	21.1	21.2	21.3	21.1	20.8	20.8	21.2	21.4	21.6	21.8	22.0	22.1	22.1	21.10
28	22.1	22.0	22.0	22.0	22.1	22.3	22.4	22.5	22.5	22.4	22.6	22.4	22.2	22.0	21.8	21.8	21.7	21.9	22.0	22.3	22.6	22.6	22.6	22.8	22.21
29	21.0	21.9	21.9	21.8	21.8	21.9	22.1	22.3	22.2	22.3	22.4	22.2	22.0	21.7	22.0	21.8	21.8	22.5	22.7	22.9	23.2	23.4	23.4	23.4	22.82
30	23.8	23.1	23.1	23.1	23.0	23.0	23.2	23.3	23.2	23.0	22.9	22.6	22.4	22.2	22.0	21.7	21.6	21.6	21.6	21.9	22.1	22.1	22.1	21.9	22.50
M.	21.23	21.10	20.95	20.92	20.97	21.07	21.21	21.30	21.25	21 20	21.13	21.02	20.84	20.76	20.66	20.61	20.61	20.81	20.99	21.24	21.53	21.57	21.59	21.49	21.09

Juli 1923. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	21.7	21.5	21.2	20.9	21.0	21.2	21.2	21.0	20.8	20.5	20.3	19.8	19.5	19.2	19.1	19.1	18.8	18.9	19.4	19.7	19.8	20.3	20.5	20.7	20.25
2	20.5	20.5	20.5	20.4	20.4	20.4	20.4	20.8	20.2	20.0	19.9	19.8	19.7	19.8	19.6	19.5	19.5	19.5	19.7	19.9	20.0	19.9	19.9	20.0	20.01
3	19.8	20.1	20.1	20.1	20.3	20.3	20.4	20.6	20.5	20.5	20.4	20.1	19.9	19.7	19.7	19.6	19.6	19.7	19.9	20.2	20.5	20.6	20.7	20.7	20.17
4	20.7	20.7	20.8	21.0	21.4	21.7	21.7	21.9	22.0	21.9	21.9	21.7	21.6	21.4	21.2	21.1	20.9	21.1	21.3	21.5	21.9	22.0	22.2	22.4	21.50
5	22.4	22.4	22.4	22.5	22.8	22.9	23.0	23.1	23.0	22.9	23.0	23.0	22.8	22.7	22.5	22.3	22.2	22.2	22.3	22.7	23.0	23.1	23.1	23.1	22.73
6	23.0	22.8	22.8	22.9	23.1	23.3	23.4	23.5	23.5	23.4	23.3	23.2	23.1	22.9	22.9	22.9	22.8	22.9	23.0	23.1	23.4	23.7	23.7	23.7	23.18
7	23.6	23.5	23.4	23.4	23.4	23.4	23.4	23.4	23.3	23.1	22.9	22.7	22.5	22.2	21.8	21.4	21.3	21.2	21.1	21.1	21.3	21.4	21.5	21.4	22.40
8	21.4	21.4	21.3	21.2	21.3	21.4	21.6	21.7	21.6	21.6	21.6	21.4	21.2	21.0	21.0	20.8	20.8	20.8	21.0	21.1	21.6	21.8	21.9	21.8	21.35
9	21.8	21.8	21.8	21.8	21.9	21.8	21.7	21.7	21.6	21.8	21.1	20.9	20.7	20.6	20.8	20.1	19.7	19.7	19.7	19.8	20.6	21.3	21.6	21.4	21.03
10	21.3	21.0	20.7	20.9	21.3	21.7	21.8	21.9	21.8	21.8	21.8	21.5	21.1	21.0	20.7	20.5	20.5	20.5	20.4	20.7	21.3	21.3	21.4	21.8	21.20
11	22.1	22.2	22.3	22.6	22.9	23.6	24.0	24.1	24.0	23.9	24.0	23.8	23.7	23.6	23.6	23.5	23.3	23.3	23.4	23.9	24.3	24.2	24.4	24.6	23.55
12	24.6	24.6	24.6	24.6	24.7	25.1	25.3	25.6	25.8	25.8	25.7	25.6	25.4	25.2	24.9	24.7	24.9	24.7	24.6	24.8	25.0	25.2	25.2	25.2	25.07
13	25.0	24.8	24.6	24.6	24.6	24.8	25.1	25.4	25.6	25.9	26.5	26.5	26.2	26.1	25.7	25.4	25.4	25.4	25.4	25.8	25.4	25.1	25.1	24.9	25.37
14	24.8	24.7	24.7	24.4	24.5	24.7	24.8	24.9	25.1	25.0	24.8	24.2	24.0	23.4	22.9	22.4	22.3	22.1	22.2	22.2	22.6	22.9	23.0	23.0	23.73
15	22.7	22.6	22.3	21.7	21.6	21.7	22.3	22.8	23.1	22.0	21.7	21.0	20.7	20.0	19.8	19.5	19.8	20.3	20.8	21.6	22.0	22.3	22.5	22.3	21.55
16	22.2	21.9	21.5	21.4	21.5	21.6	21.6	21.5	21.4	21.3	21.0	20.7	20.2	20.2	20.2	20.5	20.6	20.9	21.0	20.9	21.0	21.2	21.3	21.2	21.13
17	21.2	21.1	20.9	20.6	20.6	20.6	20.4	20.3	20.2	19.9	19.7	19.4	19.0	18.8	18.7	18.8	19.2	19.2	19.7	19.9	20.5	20.8	21.0	21.0	20.07
18	20.7	20.7	20.4	20.3	20.0	20.1	20.2	20.2	20.3	20.3	20.4	20.4	20.5	20.5	20.4	20.6	20.8	20.8	21.2	21.0	21.3	21.3	21.3	21.3	20.62
19	21.3	21.3	21.2	21.3	21.3	21.6	21.7	21.9	22.0	22.1	22.2	22.3	22.1	22.1	22.0	21.8	21.8	22.1	22.4	22.9	23.3	23.6	23.8	23.9	22.17
20	24.0	24.1	24.2	24.4	24.7	24.9	25.1	25.3	25.4	25.5	25.6	25.5	25.5	25.5	25.4	25.5	25.5	25.7	25.9	26.3	26.8	**27.0**	**27.0**	**27.0**	25.49
21	26.8	26.5	26.5	26.7	26.9	**27.0**	**27.0**	**27.0**	26.8	26.5	26.3	26.0	25.7	25.3	25.1	24.9	24.8	24.8	24.9	25.0	25.3	25.4	25.7	25.8	25.95
22	25.8	25.7	25.7	25.7	25.8	25.9	26.0	26.0	26.0	26.0	25.7	25.2	24.7	24.4	24.3	24.0	24.3	24.3	24.4	24.6	24.9	24.9	24.9	24.7	25.16
23	24.5	24.1	23.9	23.6	23.6	23.6	23.6	23.5	23.3	23.0	22.9	22.4	21.8	21.4	20.9	20.5	20.2	20.1	20.0	20.1	20.2	20.2	20.0	19.6	21.96
24	19.1	18.8	18.6	18.5	18.6	18.7	18.9	19.0	19.2	19.4	19.2	19.1	19.0	19.1	19.2	19.5	19.4	19.3	19.5	19.8	20.2	20.6	20.7	20.6	19.33
25	20.6	20.6	20.7	20.9	20.9	21.0	21.2	21.3	21.4	21.2	20.9	20.5	20.0	19.7	19.5	19.2	19.1	18.9	19.2	19.4	19.7	19.6	19.4	19.2	20.17
26	19.1	18.8	18.4	18.2	18.3	18.3	18.4	18.4	18.4	18.5	18.4	18.3	18.2	18.1	17.9	17.7	17.6	17.5	17.6	18.3	18.3	18.5	18.5	18.4	18.25
27	18.4	18.3	18.6	18.7	18.8	19.4	19.7	20.1	20.2	20.1	20.1	19.9	19.6	19.4	19.2	19.1	19.1	19.1	19.3	19.5	19.9	20.2	20.2	20.1	19.46
28	20.0	19.7	19.5	19.4	19.3	19.2	19.2	18.9	18.7	18.3	18.1	17.7	17.2	16.8	16.4	16.0	15.5	15.3	15.3	15.6	15.8	16.0	16.0	16.0	17.50
29	15.8	15.7	15.5	15.4	16.2	16.3	16.6	16.9	17.0	17.1	17.2	17.3	17.2	17.0	17.6	18.2	18.2	18.2	18.5	18.9	19.1	19.1	19.1	19.0	17.38
30	18.6	18.3	18.0	17.8	17.7	17.5	18.0	18.2	18.1	17.8	17.8	17.4	17.0	16.8	16.8	16.6	16.8	16.8	16.8	17.1	17.1	17.2	16.9	16.7	17.41
31	16.6	16.2	15.9	15.7	15.6	15.6	15.7	16.0	16.2	15.7	15.4	14.9	14.5	14.3	13.8	13.5	13.4	13.2	12.8	**11.7**	12.6	13.4	13.2	13.4	14.55
M.	21.62	21.50	21.39	21.35	21.45	21.59	21.72	21.82	21.82	21.69	21.61	21.36	21.11	20.91	20.75	20.62	20.59	20.60	20.78	20.92	21.25	21.42	21.47	21.45	21.28

August 1923. (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	13.4	13.0	13.8	13.8	14.2	14.8	15.4	15.9	16.5	16.9	17.1	17.2	17.4	17.6	17.9	18.4	18.6	18.9	19.2	19.7	20.1	20.5	20.7	20.7	17.15
2	20.6	20.6	20.4	20.3	20.4	20.7	20.8	20.9	21.0	20.8	20.4	19.9	19.8	19.8	19.3	19.4	19.5	19.8	20.2	20.8	21.1	21.2	21.3	21.3	20.41
3	21.2	21.3	21.2	21.6	21.5	21.8	22.2	22.5	22.6	23.5	23.8	23.8	23.7	23.5	23.4	23.3	23.7	23.7	24.1	24.7	25.6	26.1	26.6	27.0	23.43
4	27.1	**27.4**	27.3	27.2	27.0	27.1	27.2	27.2	27.1	27.1	26.7	26.4	26.0	25.7	25.2	24.8	24.5	24.3	24.2	24.2	24.0	23.9	23.9	24.0	25.81
5	23.9	23.7	23.5	23.3	23.1	22.9	22.8	22.7	22.5	22.4	22.0	21.8	21.7	21.6	21.5	21.4	21.8	21.4	21.5	21.7	21.9	22.0	22.0	22.0	22.28
6	21.9	21.7	21.6	21.6	21.8	22.0	22.1	22.2	22.2	22.0	21.8	21.6	21.4	21.1	21.0	20.8	20.5	20.5	20.5	20.7	20.9	21.0	21.0	21.0	21.37
7	20.8	20.7	20.7	20.9	21.0	21.2	21.3	21.2	21.3	21.1	20.9	20.8	20.6	20.4	20.2	20.0	19.9	19.9	20.2	20.5	20.8	21.2	21.5	21.6	20.78
8	21.8	21.8	22.1	22.3	22.3	22.7	23.0	23.0	23.0	22.9	22.8	22.7	22.4	22.4	22.0	21.9	21.9	22.1	22.5	22.8	23.1	23.3	23.8	23.8	22.60
9	23.8	23.7	23.7	23.7	23.9	24.0	24.3	24.5	24.5	24.4	24.4	24.2	23.9	23.7	23.4	23.2	23.0	23.0	23.2	23.6	23.8	24.1	24.3	24.1	23.85
10	23.9	23.8	23.5	23.3	23.7	23.8	23.7	23.8	23.6	23.6	23.3	22.9	22.6	22.3	22.1	22.0	21.9	21.8	22.2	22.5	22.9	23.0	23.0	23.0	23.01
11	23.0	22.9	22.9	22.8	23.0	23.2	23.2	23.3	23.5	23.5	23.1	22.8	22.6	22.3	22.2	22.0	21.7	21.9	22.2	22.5	23.0	23.3	23.9	24.1	22.87
12	24.1	24.0	24.0	23.8	23.9	24.1	24.3	24.4	24.5	24.5	24.3	23.9	23.6	23.3	23.2	22.8	22.7	22.5	22.7	23.1	23.3	23.4	23.6	23.3	23.64
13	23.3	23.4	23.2	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.2	22.9	22.8	22.7	22.4	22.3	22.3	22.4	22.7	23.2	23.5	23.6	23.6	23.6	23.11
14	23.5	23.5	23.3	23.3	23.4	23.5	23.4	23.4	23.4	23.2	23.0	22.5	22.2	21.9	21.5	21.2	20.9	20.7	20.7	20.7	20.7	20.6	20.5	20.2	22.13
15	20.1	19.8	19.7	19.5	19.5	19.5	19.4	19.2	19.0	18.7	18.1	17.6	17.0	16.5	15.9	15.5	15.5	16.2	16.4	17.1	17.6	17.9	18.4	19.4	18.06
16	20.5	20.8	20.8	20.5	20.5	20.6	21.0	21.5	21.7	21.8	21.9	21.7	21.6	21.3	21.1	21.0	20.8	20.7	21.0	21.4	21.6	21.8	21.9	21.8	21.22
17	21.5	21.1	20.8	20.5	20.4	20.3	20.2	20.0	19.9	19.6	19.4	19.2	18.9	18.6	18.2	18.0	17.4	17.2	17.4	17.7	17.6	17.4	17.1	16.7	18.96
18	16.2	15.7	15.3	15.2	15.3	15.4	15.8	15.8	15.9	15.7	15.5	15.0	14.5	14.2	14.1	13.9	13.6	13.1	**12.7**	13.6	13.9	14.8	16.0	16.2	14.89
19	16.1	16.2	16.5	17.0	17.8	17.8	18.3	18.7	18.9	18.7	18.9	19.0	19.3	19.3	19.4	19.5	19.7	19.9	19.9	20.5	20.7	20.8	20.6	20.3	18.89
20	20.4	20.1	19.5	19.8	20.4	20.4	20.2	20.4	20.8	20.9	20.7	20.5	20.3	20.3	20.1	20.0	20.0	19.9	20.1	20.5	20.7	20.8	20.8	20.5	20.34
21	20.3	20.0	19.7	19.4	19.2	18.8	18.8	18.5	18.4	18.1	17.8	17.2	16.9	16.4	16.0	15.7	15.4	15.2	15.2	15.4	15.4	15.3	15.0	14.8	17.20
22	14.9	14.9	15.3	15.6	15.8	16.6	18.3	18.7	18.4	18.5	18.5	18.7	18.8	18.8	18.8	19.0	19.3	19.8	20.4	21.1	21.4	21.9	22.1	22.2	18.66
23	22.1	22.1	22.2	21.9	21.8	21.8	22.0	22.3	22.5	22.2	21.7	21.2	20.9	20.3	19.9	19.5	19.0	18.6	18.6	18.8	18.9	18.7	18.2	17.6	20.53
24	17.1	16.7	16.4	16.4	16.4	16.1	15.8	15.3	14.4	13.7	13.3	14.8	15.6	15.9	16.0	15.4	15.7	14.9	15.2	15.3	15.6	15.7	15.7	15.8	15.55
25	15.7	15.7	15.7	16.0	16.4	16.9	17.5	18.2	18.9	19.4	19.8	20.0	20.3	20.4	20.6	20.7	21.0	21.2	21.7	22.1	22.3	22.2	21.9	21.7	19.43
26	21.6	21.3	21.3	21.1	21.2	21.3	21.3	21.3	21.1	20.8	20.5	20.0	19.5	19.2	18.8	18.5	18.1	18.0	18.0	17.9	17.7	17.6	17.4	17.3	19.62
27	17.1	16.8	16.7	16.4	16.0	15.9	15.9	15.8	15.5	15.0	14.7	14.4	14.3	14.2	14.8	16.3	17.3	17.4	17.9	18.4	18.8	19.0	19.1	19.0	16.53
28	19.0	18.6	18.4	18.6	18.9	19.2	19.6	20.1	20.3	20.4	20.4	20.4	20.4	20.5	20.6	20.7	20.8	21.0	21.5	22.0	22.1	22.3	22.3	22.3	20.43
29	22.1	22.1	22.1	21.8	21.8	21.8	21.9	21.8	21.5	21.1	20.7	20.2	19.6	19.1	18.8	18.4	18.0	17.8	17.4	17.6	17.6	17.6	17.6	17.3	19.82
30	17.4	17.3	17.2	17.2	17.8	18.7	19.8	20.8	21.7	21.9	22.1	22.1	21.9	21.7	21.4	21.3	21.2	21.1	21.2	21.6	21.7	21.5	21.5	21.3	20.47
31	21.2	21.0	20.8	20.6	20.3	19.9	19.6	19.5	19.8	20.0	19.7	19.1	19.0	18.9	18.6	17.9	17.0	16.5	14.8	14.3	13.6	12.8	14.6	15.2	18.11
M.	20.50	20.38	20.31	20.28	20.37	20.52	20.73	20.85	20.90	20.88	20.66	20.47	20.31	20.11	19.95	19.83	19.75	19.72	19.86	20.19	20.88	20.49	20.64	20.62	20.36

September 1923. **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	15.8	15.9	16.8	17.1	17.8	19.8	19.8	20.5	20.9	21.1	21.8	21.4	21.6	21.6	22.0	22.1	22.4	22.6	23.2	23.9	24.6	24.9	25.0	25.2	21.12
2	25.3	25.3	25.6	25.7	26.1	26.2	26.8	26.5	26.4	26.5	26.0	25.7	25.4	25.1	25.2	24.9	24.8	24.9	25.1	25.2	25.1	24.9	24.9	25.2	25.55
3	25.4	25.7	25.6	25.1	25.1	25.2	25.1	25.0	25.2	25.0	24.7	24.5	24.5	24.6	24.4	24.4	24.4	24.8	25 2	25.2	25.3	25.4	25.2	25.3	25.01
4	25.2	25.2	25.0	25.1	25.1	25.3	25.5	25.6	25.8	25.8	25.8	25.7	25.6	25.6	25.6	25.6	25.6	25.6	25.8	26.0	26.3	26.6	26.6	26.6	25 69
5	26.5	26.4	26 3	26.2	26.0	26.1	26.1	26.1	26.1	25.8	25.6	25.4	25.3	25.3	25.4	25.5	25.6	25.8	26.0	26.2	26.4	26.6	26.6	26.6	26.00
6	26.6	26.5	26.4	26.4	26.4	26.7	27.0	27.0	26.8	26.7	26.6	26.2	25.9	25.7	25.4	25.2	25.1	25.2	25.6	25.9	26.0	26.0	25.9	26.0	26.13
7	25.8	25.8	25.4	25.4	25.4	25.4	25.4	25.2	25.2	25.1	24.8	24.7	24.8	23.9	23.7	23.5	23.4	23.5	23.9	24.1	24.4	24.4	24.5	24.7	24.66
8	24 8	24 7	24.6	24.5	24.5	24.7	25.0	25.1	25.2	25 2	25.1	24 9	24.9	24.7	24.5	24.5	24.7	24.9	25.4	25.9	25.7	25.7	25.5	25.4	25.00
9	25.4	25.3	24.9	24.7	24.6	24.8	24.8	24.9	25.0	25.1	25.1	24.8	24.5	23.9	23.5	23.1	23.0	22.9	23.0	23.2	23.2	23.2	23.1	23.0	24.13
10	22.9	22.7	22.7	22.6	22 5	22.6	22.6	22.6	22.6	22.6	22.5	22.2	21.8	21.4	21.2	21.0	21.0	21.0	21.2	21.5	21.6	21.7	21.7	21.8	22.00
11	22.0	21.8	21.7	21.7	21.9	22.2	22.8	22.4	22.8	22.7	22.4	21.9	21.5	20.9	20.6	20.4	20.4	20.6	21.0	21.5	21.7	21.9	21.9	21.9	21.67
12	21.8	21.7	21.5	21.3	21.5	21.7	21.8	21.8	22.0	21.9	21.8	21.5	21.1	20.6	20.2	20.0	19.9	20.0	20.6	20.8	20.7	20.7	20.8	20.8	21.10
13	20.6	20.4	20.2	20.0	19.9	19.9	20.0	20.1	19.9	19.6	19.4	18.9	18.2	17.7	17.2	16.9	16.7	16.6	17.0	17.2	17.2	17.2	17.2	16.8	18.53
14	16.8	16.6	16.2	16.0	16.0	16.0	15.9	15.9	16 0	15.8	15.2	14.6	14.1	13.4	12.7	12.3	12.0	11.8	11.9	11.9	11.6	11.4	11.2	10.9	14.01
15	10 7	10.4	10.3	10.0	10.1	10 8	10.6	11.0	11.0	11.2	11.4	11 5	11.7	12.0	12.3	12.5	13.1	13 7	14.4	14.9	15.4	15.8	16.0	16.4	12 87
16	16 6	16.6	16.6	16.8	16.8	17.2	17.6	17.9	18.1	18.1	18.2	18.3	18.1	18.1	18.1	18.1	18.4	19.0	19.6	20.4	20.5	20.7	20.6	20.9	18.39
17	21.0	21.2	21.5	21.2	20.5	20.9	20.8	20.6	20.4	20.2	19.7	19.0	18.1	17.3	17.0	16.4	15.5	14.8	14.4	13.8	13.3	13.1	12.8	12.5	17.75
18	12.3	12.7	13.2	14.1	14.4	15.0	15.1	15.1	14.9	15.2	15.3	15.4	15.8	16 4	16 6	16.8	17.0	17.6	18.2	18.6	18.7	18.8	18.5	18.4	16.00
19	18.8	18.8	19.2	19.3	19.5	20.1	20.4	20.3	21.2	21.1	21.4	21.6	21.6	21 4	21.1	21.6	21.6	22.0	22.6	22.8	22.8	22.6	22.2	22.0	21.10
20	21.7	21.3	21.0	20.8	20.6	20.6	20.8	20.6	20.3	19 8	19.3	18.6	18.7	18.0	17.9	17.6	17.6	17.5	18.3	19.6	20.0	20.5	20.3	20.2	19 67
21	19.9	19.2	19.0	18.4	17.4	16.6	15.9	15.0	13.6	12.6	12.3	14.2	14.4	14.5	15.2	15.4	15.6	16.3	16.6	17.0	17.4	18.0	18.2	18.4	16.29
22	19.0	19.3	19.5	19.7	19.7	19.9	20.3	20.4	20.2	20.1	20.0	19.7	19.3	18.6	17.9	17.4	17.2	17.3	17.2	17.0	16.5	16.2	16.0	15.9	18.51
23	15.9	15.9	15.8	15.6	15.1	14.9	15.1	15.0	15.4	15.2	14 6	14.1	15.3	15.9	16.4	17.1	17.4	17.8	17.8	17.8	17.6	17.4	17.6	18.0	16.18
24	18.3	18.2	18.2	18.4	18.7	19.3	19.5	19.7	20.4	20.6	20.1	20.1	20 0	19.9	19.8	19.8	20.2	20.6	20.8	21.0	21.0	20.9	20.4	20.3	19.84
25	19.8	19.6	19 5	19.2	19.4	19.7	20.1	20.4	20.4	20.5	20.3	20.4	20.4	20.4	20 4	20.4	20.5	21.0	21.0	21.4	21.4	21.4	21.8	22.4	20 49
26	22.7	22.9	23.0	23.0	23.3	23.4	23.9	24.4	25.0	25.2	25.4	25.5	25.5	25.5	25.7	26.0	26.4	26.8	27.4	27.8	28.0	28.0	28.0	27.8	25.44
27	28.9	27.9	27.8	28.0	28.0	28.2	28.3	28.6	28.8	28.6	28.4	28.4	27.9	27.9	27.8	27.8	27.6	27.7	28.0	28.1	28.3	28.2	28.1	28.3	28.15
28	28.2	28.3	28.3	28 3	28.0	28.0	28.3	28.6	28.8	28 5	28.4	28 0	27.6	27.6	27.6	27.4	27.4	27.7	28.0	28.2	28.2	28.0	28 0	28 0	28.06
29	28.2	28.1	28.1	28.2	28.1	28.4	28.6	29.0	29.2	29 3	29.0	28.6	28.4	28.3	28.4	28.4	28.4	28.7	29.0	29.3	29.5	29.8	29.9	29.9	28.78
30	29.8	29.7	29.6	29.6	29.5	29.5	29.4	29.5	29.7	29.5	29.4	29.0	28.4	28.6	28.2	28.0	28.0	28.1	28.2	28.3	28.3	28.3	29.2	28.0	28.87
M.	21.89	21.80	21.78	21.75	21.78	21.94	22.09	22.18	22.24	22.15	21.98	21.83	21.66	21.49	21.40	21.35	21 36	21.54	21.90	22.15	22.22	22.28	22.22	22.25	21.88

Oktober 1923. (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	27 9	27.7	27.6	27.5	27.4	27.4	27.3	27.2	27.0	26.5	26.3	25.8	25.1	24.7	24.3	24.2	24.4	24.6	24.6	24.5	24.3	24.2	24.0	23.8	25.76
2	23.8	23.6	23.6	23.2	23.1	23.2	23.5	23.5	23.3	23.2	23.0	22.6	22.3	21.9	21.5	21.3	21.3	21.4	21.2	20.8	20.5	20.0	19.6	22.29
3	19.1	18.5	18.1	17.6	17.1	16.9	16.5	16.5	16.3	16.2	16.2	15.6	14.9	14.6	13.8	13.2	12.4	11.8	11.1	10.8	10.0	09.2	08.2	08.0	14.28
4	07.7	08.5	08.9	08.9	08.5	08.6	09.0	09.0	08.7	08.8	09.0	08.8	08.6	09.0	09.1	09 0	09.0	09.2	09.8	10.0	10.2	10.8	11.1	11.4	09.23
5	11.5	11.7	12.2	12.8	13.0	13.5	13.9	14.5	14.8	14.9	14 9	15.2	15.2	15.4	15.5	15.9	16.3	16.5	17.2	17.6	18.1	18.4	18.6	18.8	15.27
6	19.0	18.9	18.9	19.0	19.0	19.2	19.5	19.7	20.0	20.1	20.0	19.9	19.8	19.6	19.8	19.9	20.1	20.3	20.4	20.7	20.8	20.9	20.9	20.8	19.88
7	20.8	20.8	20.6	20.7	20.7	20.9	21.0	21.4	21.7	21.8	22.0	22.0	21.9	21.9	22.0	22.1	22.3	22.6	23.0	23.2	23.0	23.0	22.8	22.6	21.87
8	22.3	22.0	21.4	21.2	21.0	20.7	20.5	20.1	19 8	19.3	19.3	18.9	18.6	18.7	18.8	19.0	19.3	19.6	20.4	20.5	20.6	20.7	20.8	21.1	20.19
9	21.1	20.8	20.6	20.9	20.9	20.7	20.6	20.8	21.0	21.0	21.1	21.2	21.4	21.8	21.5	22.0	22.6	22.8	23.3	23.3	23.3	23.5	23.7	23.9	21.82
10	23.9	23.9	24.0	24 2	24.0	23.9	24.4	24.8	24 8	24.8	24.6	24.4	24.0	23.4	23.2	22.8	22.9	23.2	23.5	23.7	23.7	23.5	23.4	23.1	23.84
11	22.8	22.4	22.0	21.7	21.4	21.4	21.5	21.6	21.6	21.3	21.5	21.1	20.4	19.9	19.6	19.4	19.6	19.9	20.1	20.0	20.0	20.0	20.0	19.7	20.79
12	19.7	19.4	19.3	18.9	18.6	18.1	18.0	17.9	17.5	16.8	16.1	15.3	14.5	14.0	13.3	13.0	12.7	12.3	11.9	11.8	11.5	11.2	11.4	10.8	15.17
13	10.8	11.0	09.6	08.7	08.9	09.1	08.9	09.5	09.2	09.4	09.2	09 1	08.8	09 2	09.8	09.6	10.4	10.7	11.3	11.7	11.5	11.4	11.7	11.6	10.05
14	12.2	12 4	12.3	12.3	12.5	12.7	13.1	13.4	13.4	13 5	13.3	13.2	13.1	13.2	13.3	13.4	13.7	14.0	14.4	14 8	15.3	15.6	15.8	16.0	13.62
15	16.1	16.2	16.4	16 8	17.1	17.5	18.0	18.6	18.9	18 9	18.8	18.8	18.8	19.0	19 2	19.2	19.4	19.8	20.0	20.2	20.2	20.2	20.0	19.8	18.66
16	19.7	19 2	19.1	19.1	19.0	18.9	19 0	19.2	19.4	19.5	19.6	19.3	19.0	18.9	18.8	19.0	19.6	20.2	20.6	20.9	21.6	21.9	22.3	22.7	19.85
17	23 0	23.1	23.3	23 8	24 4	24.8	25.3	25.8	25.9	26.0	26.1	25.7	25.6	25.4	25.4	25.3	25.4	25.7	26.0	26.2	26.4	26.5	26.6	26.6	25.35
18	26.6	26.6	26.6	26.6	26.6	26.6	27.0	27.2	27.2	26.9	26.7	26.4	26.0	25.9	25.6	25.6	25.4	25.4	25.6	25.6	25.6	25.2	25.1	25.2	26.13
19	24.9	24.8	24.6	24 6	24.5	24.4	24.7	24 8	24.6	24.4	24.2	23.6	23.3	22.9	22.8	22.5	22.6	22.3	22.0	22.0	21.8	21.8	21.8	21.8	23.40
20	21.8	21.8	22.0	21.9	21.8	21.6	21.8	22 0	22.1	22.1	22.3	22.0	22.1	21.7	21.5	21.1	21.0	20.9	20.6	20.2	20.1	19.8	18.9	18.4	21.23
21	18.2	17.6	17.5	17.6	17.6	17.4	17.9	17.9	17.7	17.7	17.7	17.2	15.9	15.4	14.2	13.4	12.8	12.4	12.4	12.7	12.7	13.5	13.4	14.1	15.62
22	14.9	14.3	14.4	13.6	13.1	12.5	12.5	12.8	13.0	13.2	13.5	13.3	13.1	13.0	13.0	13.0	13.0	13.0	12.7	13.2	13.6	13.5	13.4	13.4	13.29
23	13.4	13.0	13.0	13.0	13.5	14.0	14.2	14.2	14.1	14.1	13.5	12.8	12.2	11.8	11.4	10.8	10.6	10.2	09.8	09.4	09.2	09.0	08.6	08.8	11.84
24	07.7	06.8	06.1	05.9	05.9	06.0	05 5	06.5	07.4	07.8	08.0	08.3	09.0	10.3	11.1	11.4	10.8	10.5	10.1	09.8	10.0	10.0	10.4	10.8	08.59
25	11.6	11.6	11.4	11.5	11.8	12.5	13.1	13 0	13 5	13.8	13.8	13 9	13.9	13.9	13.6	13.8	14.4	15.4	15.8	15.8	16.2	16.4	16.4	16.4	13.90
26	16.4	16.3	16.0	15.6	15.0	14.9	15.0	15.3	15.2	15.6	15.6	15.3	15.3	15.5	16.0	16.8	17.2	17.9	17.8	17.7	17.7	17.5	17.2	16.9	16.24
27	16.6	16.1	15.5	15.1	14.8	14.6	14.5	14.3	14.2	14 2	14.0	13.6	13.4	13.4	13.2	13.2	13.3	13.3	13.0	13.0	13.0	12.8	12.8	12.6	13.94
28	12.2	11.8	11.3	11.0	10.6	10.6	10.8	10.6	10.4	10.1	10.2	10.2	10.1	10.5	11.1	11.8	13.4	14.6	15.4	16.1	16.6	17.1	17.4	17.8	12.57
29	18.2	18.3	18.7	19.2	19.6	20.1	20.8	21.4	21.7	22.0	22.4	22.2	22.0	22.1	22.2	22.3	22.6	23 0	23.3	23.5	24.0	24.2	24.4	24.5	21.78
30	24.4	24.2	24.1	24.0	24.0	23.8	24.1	24.2	24.4	24.6	24.6	24.2	23.8	23 5	23.2	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.0	23.0	23.73
31	22.9	23.0	22.9	22.9	22.7	22.8	23.1	23.4	23.4	23.4	23.4	23.2	23.0	22.7	22.5	22.4	22.8	22.8	23.0	23.0	23.0	23.0	23 0	23.0	22.97
M.	18.43	18.27	18.18	18.07	18.01	18.04	18 22	18.42	18.46	18.45	18.42	18.18	17.92	17.86	17.77	17.78	17.89	18.04	18.18	18.27	18.32	18.34	18.29	18.27	18.17

November 1923 **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	22.7	22.6	22.8	22.8	22.8	22.8	23.2	23.1	23.0	22.8	22.8	22.8	22.0	21.7	21.6	21.6	21.8	22.0	21.9	21.7	21.5	21.4	21.2	20.9	22.21
2	20.6	20.2	20.0	19.9	19.7	19.7	20.0	19.9	19.8	19.8	19.4	19.3	18.9	18.8	18.8	19.0	19.2	19.7	20.2	20.6	20.9	21.5	22.0	22.6	20.02
3	22.9	22.9	22.9	23.0	23.0	22.6	23.0	23.1	23.1	22.9	22.8	22.4	22.0	21.9	21.8	21.6	21.4	21.4	21.3	21.5	21.6	21.6	21.8	21.0	22.21
4	20.8	20.6	20.0	19.8	19.6	19.4	19.6	19.5	19.3	19.2	19.0	18.6	18.1	18.0	18.0	17.9	18.0	18.7	18.8	19.1	19.1	18.8	19.0	19.0	19.08
5	19.1	19.2	18.9	18.7	18.6	18.6	18.7	18.8	18.7	18.7	18.8	18.2	17.6	17.0	16.7	16.2	16.0	16.0	16.0	15.9	15.6	15.3	15.0	14.4	17.36
6	14.1	13.6	13.4	13.2	13.2	12.6	12.8	12.9	13.3	13.9	14.3	14.6	14.8	14.8	15.0	15.1	15.5	16.0	15.8	15.6	15.8	15.6	15.4	15.1	14.43
7	15.2	15.1	14.8	14.6	14.7	15.0	15.4	15.6	15.8	15.8	15.8	15.8	15.6	15.1	15.5	15.3	15.4	15.9	16.0	16.3	16.4	16.2	16.0	16.0	15 55
8	15.4	15.5	15.1	14.9	14.6	14.4	14.8	14.8	14.6	14.6	14.4	13.9	13.7	13.4	13.3	13.3	13.4	13.6	13.6	13.4	13.4	13.3	13.1	13.0	14.06
9	12.8	12.8	12.5	12.4	11.9	11.5	11.3	11.0	10.7	10.5	10.2	09.9	09.9	09.7	09.6	09.4	09.4	09.5	09.8	10.2	10.1	10.3	10.4	10.8	10.67
10	10.6	10.9	11.2	11.4	11.7	11.6	12.1	12.7	13.1	13.4	13.4	13.2	13.3	13.7	14.0	14.6	15.0	15.1	15.5	15.8	15.9	16.1	16.3	16.6	13.63
11	16.6	17.0	17.0	17.4	17.8	18.4	18.7	19.3	19.8	20.3	20.4	20.7	20.7	20.5	21.1	21.3	21.9	22.0	22.6	22.9	23.3	23.7	23.8	23.8	20.46
12	23.8	23.6	23.6	23.4	23.1	23.2	23.5	24.0	23.8	23.6	23.4	23.0	22.4	22.0	22.0	21.6	21.6	21.8	21.7	21.7	21.5	20.9	20.5	20.3	22 50
13	20.0	19.8	19.8	19.8	19.4	19.4	19.0	18.7	18.5	19.0	19.0	18.7	18.4	17.9	17.6	17.2	17.0	16.7	16.3	15.8	15.5	15.1	15.0	14.6	17.84
14	13.8	13.2	12.6	12.4	12.2	12.2	11.9	11.8	11.3	10.8	10.3	09.6	08.9	08.3	08.0	07.8	07.6	07.7	07.9	08.0	08.3	08.7	09.5	10.6	10.14
15	11.6	12.6	13.2	14.0	14.8	15.7	16.4	17.0	17.0	17.6	17.2	16.5	16.1	16.3	16.3	16.3	16.1	15.6	15.5	15.1	14.2	14.6	14.2	13.8	15.32
16	13.2	12.6	12.4	12.4	12.5	12.3	12.7	13.3	13.8	13.9	14.1	14.2	15.1	15.9	16.6	17.2	18.4	19.4	19.6	19.8	20.0	20.0	20.0	20.0	15.81
17	19.6	19.3	18.8	18.5	18.3	17.9	17.7	17.6	17.5	17.4	17.8	16.8	16.2	16.2	16.2	16.3	16.7	17.1	17.7	18.1	19.1	19.5	19.5	19.8	17.90
18	19.7	19.6	19.5	19.1	18.9	18.7	18.4	18.2	17.8	17.2	16.2	14.9	14.1	12.6	11.4	10.4	10.5	10.1	10.3	10.2	10.4	11.0	11.4	11.2	14.66
19	11.8	12.2	12.3	12.3	12.0	11.8	11.6	11.4	11.2	10,7	10.0	09.6	09.6	09.6	09.6	09.4	09.5	09.8	09.9	10.0	10.2	10.3	10.2	10.0	10.63
20	09.8	09.9	09.9	09.8	09.8	09.8	10.0	10.2	10.3	10.4	10.1	09.6	09.6	09.6	09.5	09.5	09.6	09.8	10.2	10.5	10.8	11.0	11.2	11.3	10.09
21	11.3	11.5	11.5	11.5	11.5	11.7	12.2	12.5	12.8	12.7	12.6	12.2	12.1	11.7	11.7	11.7	11.8	12.0	12.2	12.4	12.4	12.4	12.4	12.3	12.05
22	12.2	12.5	12.5	12.5	12.6	12.5	12.5	12.7	12.7	12.6	12.6	12.2	11.8	11.7	11.7	11.8	11.8	12.0	12.1	12.4	12.6	12.8	13.3	13.6	12.40
23	13.6	13.9	14.1	14.3	14.5	14.7	14.7	15.0	15.3	15.8	15.6	15.5	15.4	15.2	15.2	15.0	15.2	15.3	15.4	15.2	15.3	15.3	15.4	15.4	15.01
24	15.5	16.1	16.5	16.8	17.2	17.5	17.8	18.2	18.5	19.0	19.2	18.9	19.0	19.0	19.1	19.3	19.6	19 6	19.6	19.9	20.0	20.0	20.2	20.2	18.61
25	20.2	20.4	20.4	20.2	20.6	20.6	20.8	21.2	21.3	21.1	20.7	20.2	19.9	19.6	19 6	19.5	18.9	18.5	18.3	17.9	17.7	17.1	16.9	17.0	19.52
26	17.0	17.0	17.0	16.3	15.7	15.2	14.8	14.8	14.4	14.2	13.8	13.0	12.4	11.8	11.4	10.7	10.3	10.1	10.2	10.3	10.5	10.5	10.5	10.6	13.02
27	10.9	11.2	11.6	12.2	12.4	12.6	12.9	13.4	13.8	14.1	14.0	13.7	13.4	13.1	13.2	13.1	13.0	13.0	12.6	12.4	12.0	11.9	12.0	11.7	12.68
28	11.2	10.3	09.6	09.2	08.6	07.8	07.0	07.0	06.3	06.6	05.8	04.5	04.6	04.5	05.7	07.4	09.0	10.3	11.1	11.2	11.7	11.8	11.7	11.9	08.53
29	11.5	11.4	10.8	10.8	10.7	10.2	10.3	10.7	10.6	10.4	10.0	09.3	08.7	07.8	07.6	07.8	08.0	09.1	10.4	11.3	11.8	12.6	13.2	13.6	10.36
30	14.2	14.7	14.8	15.0	15.3	15.6	15.8	16.1	16.3	16.6	16.5	16.0	16.0	15.8	15.6	15.8	16.0	16.3	16.3	16.1	16.1	16.2	16.2	16.3	15.82
M.	15.72	15.74	15.65	15.62	15.59	15.53	15.65	15.82	15.81	15.85	15.67	15.24	15.01	14.77	14.78	14.76	14.92	15.14	15.29	15.38	15.46	15.52	15.56	15.56	15.42

Dezember 1923. (700 mm +). Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	16.2	16.3	16.3	16.0	16.0	16.1	16.3	16.6	16.9	17.0	16.8	16.7	16.4	16.4	16.6	17.0	17.1	17.4	17.8	17.8	17.8	17.1	17.0	16.7	16.70
2	16.5	16.5	16.0	15.8	15.7	15.5	15.2	15.0	15.0	14.9	14.2	13.6	13.1	12.7	12.5	12.1	11.8	11.7	11.4	10.9	10.6	10.4	09.0	09.9	13.33
3	10.0	10.2	10.4	10.3	10.2	10.3	10.3	10.4	10.6	10.8	11.1	11.1	11.1	11.1	11.3	11.7	11.9	12.2	12.2	12.6	12.7	12.8	12.8	13.1	11.30
4	13.4	13.7	13.8	14.1	14.2	14.3	14.7	15.0	15.3	15.1	14.8	14.5	14.3	13.8	13.4	13.1	12.9	12.1	11.4	11.4	11.1	10.5	10.0	09.3	13.18
5	08.7	08.7	08.4	08.2	08.5	08.7	08.8	09.0	09.1	10.5	10.8	10.3	09.9	09.4	09.4	09.2	09.2	09.2	09.4	09.5	09.5	09.6	09.5	09.6	09.27
6	09.6	09.8	09.8	09.8	09.6	09.8	10.3	10.7	11.2	11.7	11.8	11.6	11.6	11.8	12.2	12.6	13.0	13.4	13.7	14.0	14.3	14.6	14.9	15.0	11.95
7	15.0	15.3	15.4	15.2	15.3	15.5	15.6	15.8	16.1	16.4	16.2	16.1	16.0	16.0	16.3	16.3	16.4	16.5	16.6	16.7	16.9	17.0	16.8	16.9	16.10
8	16.9	17.1	16.8	16.5	16.4	16.4	16.3	16.4	16.6	16.7	16.3	15.9	15.5	15.2	15.1	14.9	14.8	14.9	15.0	14.8	14.8	14.6	14.4	13.8	15.67
9	13.5	13.2	13.2	13.1	12.8	12.4	12.7	12.9	13.1	13.4	13.4	13.4	13.2	13.4	13.5	13.3	13.3	13.2	13.6	14.0	14.5	15.0	15.6	16.0	13 57
10	16.2	16.4	16.7	17.0	17.5	17.9	18.6	19.4	20.2	21.1	21.2	21.2	21.3	21.6	21.9	22.4	22.9	23.4	23.7	24.1	24.4	24.7	24.9	24.8	20.98
11	24.7	25.0	25.0	25.0	25.0	25.2	25.5	25.9	26.0	26.4	26.3	26.1	25.9	25.9	26.0	26.1	26.2	26.3	26.3	26.4	26.5	26.4	26.5	26.4	25.88
12	26.0	25.9	25.6	25.4	25.2	25.2	25.3	25.4	25.7	25.7	25.6	25.2	24.9	24.8	24.7	24.6	24.8	24.8	24.9	24.8	24.7	24.6	24.4	24.4	25.11
13	24.4	24.6	24.6	24.6	24.6	24 8	24.8	24.9	25.0	25.3	25.4	25.3	25.2	25.2	25.5	25.8	26.0	26.2	26.5	26.7	26.9	27.0	27.2	27.4	25.57
14	27.6	27.6	27.6	27.7	27.9	28.1	28.3	28.5	28.7	28.9	29.1	28.9	28.8	27.9	28.0	28.1	28.1	28.0	28.0	27.9	27.9	27.9	27.7	27.3	28.08
15	26.8	26.4	26.0	25.6	25.4	25.6	25.7	25.6	25.5	25.5	25.0	24.6	24.8	23.9	23.9	23.8	23.8	24.0	24.4	24.4	24.3	24.1	24.1	24.4	24.88
16	24.7	24.6	24.8	24.7	24.9	25.2	25.4	25.7	26.2	26.7	26.3	26.0	25.5	25.9	26.3	26.6	26.9	26.9	26.8	27.0	27.1	27.0	26.9	27.0	26.05
17	26.8	26.6	26.4	26.1	26.2	26.4	26.5	26.6	26.7	26.8	26.6	26.4	26.2	26.0	25.9	26.1	26.3	26.4	26.5	26.3	26.0	26.1	26.1	26.1	26.34
18	26.0	25.7	25.6	25.4	25.3	25.1	25.0	25.0	25.1	25.1	24.9	24.7	24.2	23.6	23.5	23.4	23.2	23.1	23.1	23.2	23.3	23.0	22.7	22.4	24.28
19	21.9	21.8	21.6	21.2	20.8	20.8	20.8	20.6	20.6	20.6	20.5	20.0	19.5	18.7	18.4	18.0	17.6	17.4	16.9	16.2	15.8	15.6	15.4	15.4	19.00
20	15.4	15.4	15.4	15.2	15.3	15.3	15.6	15.9	16.4	16.8	16.7	16.6	16.8	16.8	16.8	17.2	17.8	18.2	18.8	19.2	19.7	20.1	20.4	20.2	17.12
21	19.8	19.5	19.2	18.7	18.3	17.8	17.5	17.1	16.8	16.7	16.0	15.6	15.0	14.8	14.9	15.1	15.4	15.8	15.9	15.9	15.9	15.7	15.5	15.2	16.59
22	15.0	14.9	14.8	14.7	14.5	14.5	14.5	14.7	15.0	15.1	15.1	14.6	14.4	13.8	13.4	12.9	12.2	11.4	10.7	10.0	09.8	09.4	09.0	08.6	13 04
23	08.6	09.0	08.9	08.7	08.9	08.5	08.5	08.5	08.2	08.2	08.6	06 2	04.8	06.9	07.9	09.1	10.0	10.8	11.7	13.0	13.4	13.8	14.3	14 4	09.62
24	14.4	15.0	15.5	15.8	16.2	16.6	16.8	16.9	17.3	17.6	17.7	16.7	15.7	14.9	14.4	13.4	12.6	11.4	10.4	09.8	09.2	08.8	09.0	09.9	14.00
25	10.9	12.2	13.3	14.5	15.4	16.5	17.1	18.0	19.0	19.9	20.8	21.1	21.0	21.1	21.3	21.6	21.8	22.1	22.2	21.8	21.6	21.1	20.8	19.9	18.96
26	19.0	18.3	17.6	16.3	15.0	14.1	13.1	11.8	11.4	11.0	10.2	09.0	08.0	09.0	10.0	10.4	10.9	11.2	11.4	11.8	12.0	12.5	13.0	13.3	12.51
27	13.1	13.0	12.9	12.6	11.8	11.5	10.9	10.6	10.9	11.2	11.1	10.9	10.9	11.7	12.5	13.2	13.8	14.3	14.9	15.4	15.5	15.9	16.0	15.8	12.93
28	15.0	14.4	13.6	12.6	11.9	10.9	09.5	08.5	07.6	07.3	06.3	04.8	04.5	04.3	04.3	04.3	04.3	04.7	04.8	05.0	07.2	11.0	13.8	15.7	08.60
29	16.6	17.7	18.8	19.8	20.7	21.5	22.2	22.8	23.6	24.3	24.3	24.1	24.1	23.9	24.3	24.6	24.8	25.0	25.0	25.0	25.0	25.1	25.2	25.2	23.07
30	25.1	25.0	24.8	24.0	23.6	23.3	22.7	22.3	21.8	21.4	21.0	20.4	19.7	18.8	18.2	17.6	17.2	17.0	16.9	16.7	17.0	17.4	18.2	18.3	20.34
31	18.4	19.0	19.6	20.1	20.8	21.4	22.2	22.8	23.6	24.2	24.4	24.4	24.4	24.5	24.8	25.5	25.9	26.0	25.9	25.9	26.0	26.2	25.8	25.6	23.64
M.	17.94	18.03	18.01	17.89	17.87	17.91	17.96	18.04	18.23	18.46	18.32	17.93	17.59	17.58	17.65	17.74	17.84	17.90	17.94	17.99	18.09	18.23	18.29	18.32	17.99

1923. **Tägliche Maxima und Minima der Barometerstände.** Zürich.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	22.2	**09.0**	**28.1**	26.7	16.5	11.4	19.3	17.5	**26.8**	25.2	21.6	19.8	21.7	18.8	20.7	13.0	25.2	15.8	**27.9**	23.8	23.2	20.9	17.4	16.0
2	24.1	22.0	26.8	25.2	15.6	04.8	21.8	19.3	26.1	22.7	22.1	20.5	20.5	19.5	21.3	19.3	26.8	24.8	23.8	19.6	22.6	18.8	16.5	09.0
3	21.6	16.9	25.4	20.2	05.1	**99.7**	22.0	18.2	23.0	21.2	20.6	15.6	20.7	19.6	27.0	21.2	25.7	24.4	19.1	08.0	23.1	21.0	13.1	10.0
4	20.1	17.2	19.8	17.6	14.7	05.2	18.2	14.3	24.0	22.4	14.7	**10.7**	22.4	20.7	**27.4**	23.9	26.6	25.0	11.4	07.7	20.8	17.9	15.3	09.3
5	20.3	16.8	20.2	18.4	22.4	15.0	14.2	11.4	23.0	20.8	19.3	12.5	23.1	22.4	23.9	21.3	26.6	25.3	18.8	11.5	19.2	14.4	10.5	08.2
6	22.5	15.8	18.0	13.5	23.1	19.7	12.5	09.3	23.4	21.2	22.0	19.2	23.7	22.8	22.2	20.5	27.0	25.1	20.9	18.9	15.8	12.6	15.0	09.6
7	24.7	22.6	14.0	11.9	19.5	13.4	10.6	08.3	22.8	21.0	25.2	21.4	23.6	21.1	21.6	19.9	25.8	23.4	23.2	20.7	16.4	14.6	17.0	15.0
8	22.7	21.4	11.8	05.0	13.2	11.7	09.4	08.1	22.3	18.3	25.2	23.9	21.9	20.8	23.8	21.8	25.9	24.5	22.3	18.6	15.5	13.0	17.1	13.8
9	24.1	22.4	17.2	08.5	14.8	12.6	12.6	06.9	18.1	09.0	26.1	24.2	21.9	19.7	24.5	23.0	25.4	22.9	23.9	20.6	12.8	09.4	16.0	12.4
10	23.5	16.6	16.8	15.0	14.5	13.0	16.1	13.0	15.5	**07.8**	26.0	24.0	21.9	20.4	23.9	21.8	22.9	21.0	24.8	22.8	16.6	10.6	24.9	16.2
11	16.5	14.8	16.0	12.4	18.5	13.0	16.7	13.8	16.1	13.1	26.0	23.5	24.6	22.1	24.1	21.7	22.8	20.4	22.8	19.4	23.8	16.6	26.5	24.7
12	17.1	14.8	20.1	15.8	23.6	18.8	13.8	08.8	19.3	12.1	**26.7**	25.0	25.8	24.6	24.5	22.5	22.0	19.9	19.7	10.8	**24.0**	20.3	26.0	24.4
13	24.4	17.1	20.6	19.5	23.4	19.9	12.0	07.4	19.3	16.2	24.6	18.2	26.5	24.6	23.6	22.3	20.6	16.6	11.7	08.7	20.0	14.6	27.4	24.4
14	26.6	24.3	22.3	19.7	19.6	16.1	10.6	05.9	17.0	14.9	21.8	17.1	25.1	22.1	23.5	20.2	16.8	10.9	16.0	12.2	13.8	07.6	**29.1**	27.3
15	28.0	25.5	19.6	17.5	20.7	15.7	12.0	09.5	20.1	16.5	22.2	18.7	23.1	19.5	20.1	15.5	16.4	**10.0**	20.2	16.1	17.6	11.6	26.8	23.8
16	25.2	19.8	17.4	16.0	22.0	20.8	14.1	11.8	20.4	13.7	18.3	13.7	22.2	20.2	21.9	20.5	20.9	16.6	22.7	18.8	20.0	12.3	27.1	24.6
17	25.6	21.4	16.4	13.0	22.3	21.5	18.8	14.0	20.8	18.2	20.3	17.7	21.2	18.7	21.5	16.7	21.5	12.5	26.6	23.0	19.8	16.2	26.8	25.9
18	28.2	25.3	13.9	05.7	22.8	21.6	18.4	13.9	21.9	19.3	20.6	19.2	21.3	20.0	16.2	**12.7**	18.8	12.3	27.2	25.1	19.7	10.1	26.0	22.4
19	31.9	27.3	06.8	05.5	22.8	21.5	14.4	12.7	20.7	19.1	21.1	20.0	23.9	21.2	20.8	16.1	22.8	18.8	24.9	21.8	12.3	09.4	21.9	15.4
20	27.0	14.2	11.7	06.6	22.0	18.0	12.3	06.9	20.2	18.8	20.9	17.7	**27.0**	24.0	20.9	19.5	21.7	17.5	22.3	18.4	11.3	09.5	20.4	15.2
21	26.2	15.8	11.6	05.9	20.6	19.4	06.5	**99.5**	21.1	19.3	24.1	21.0	**27.0**	24.8	20.3	14.8	19.9	12.2	18.2	12.4	12.8	11.3	19.8	14.8
22	29.3	26.6	07.4	**04.8**	21.6	19.8	07.7	05.6	22.6	20.9	25.4	24.0	26.0	24.0	22.2	14.9	20.4	15.9	14.9	12.5	13.6	11.7	15.1	08.6
23	31.7	26.3	09.5	**04.8**	20.8	19.4	14.0	06.6	22.3	18.9	25.9	24.9	24.5	19.6	22.5	17.6	18.0	14.1	14.2	08.3	15.8	13.6	14.4	04.8
24	33.6	30.7	09.2	05.6	23.7	20.6	19.1	14.3	20.1	18.3	25.1	20.9	20.7	18.5	17.1	13.3	21.0	18.2	11.4	**05.5**	20.2	15.5	17.7	08.8
25	**33.7**	32.6	13.7	06.6	25.5	23.8	19.3	17.3	18.0	13.0	20.6	16.8	21.4	18.9	22.3	15.7	22.4	19.2	16.4	11.4	21.3	16.9	22.2	10.9
26	32.5	29.7	14.0	08.2	**25.9**	23.6	18.4	13.7	16.5	12.0	20.6	15.9	19.1	17.5	21.6	17.3	28.0	22.7	17.9	14.9	17.0	10.1	19.0	08.0
27	29.3	25.2	10.2	07.2	25.2	23.0	15.2	13.0	18.8	16.4	22.1	20.3	20.2	18.3	19.1	14.2	28.9	27.6	16.6	12.6	14.1	10.9	16.0	10.6
28	26.9	25.3	13.4	10.2	25.5	23.2	18.2	13.6	21.2	16.5	22.6	21.7	20.0	15.3	22.3	18.4	28.8	27.4	17.8	10.1	11.9	**04.5**	15.7	**04.3**
29	25.9	22.0			25.7	24.8	21.8	18.0	21.3	16.4	23.4	21.7	19.1	15.4	22.1	17.3	**29.9**	28.1	24.5	18.2	13.6	07.6	25.2	16.6
30	24.8	21.3			25.3	23.7	**25.8**	21.7	18.7	14.9	23.3	21.6	18.6	16.6	22.1	17.2	29.8	28.0	24.6	23.0	16.6	14.2	25.1	16.7
31	28.4	25.0			23.6	17.4			19.4	16.8			16.6	**11.7**	21.2	12.8			23.4	22.4			26.2	18.4
Mittl. Max.	25.76		16.14		20.66		15.53		20.67		22.61		22.43		22.14		23.64		20.33		17.51		20.56	
Mittl. Min.	21.47		12.39		17.16		11.81		17.26		19.71		20.11		18.29		20.04		16.06		13.26		15.16	
Differenz	4.29		3.75		3.50		3.72		3.41		2.90		2.32		3.85		3.60		4.27		4.25		5.40	
Abs. Max.	33.7		28.1		25.9		25.8		26.8		26.7		27.0		27.4		29.9		27.9		24.0		29.1	
Abs. Min.	09.0		04.8		99.7		99.5		07.8		10.7		11.7		12.7		10.0		05.5		04.5		04.3	
Differenz	24.7		23.3		26.2		26.3		19.0		16.0		15.3		14.7		19.9		22.4		19.5		24.8	

1923. **Uebersicht über den täglichen Gang des Luftdruckes.** Zürich.

Abweichungen vom Monatsmittel.

	Mittel 700 +	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Amplitude
Januar	23.49	−.33	−.21	−.22	−.39	**−.52**	−.50	−.28	−.02	.16	.29	.28	−.01	−.32	−.34	−.21	−.11	.05	.19	.33	.42	**.46**	.44	.42	.35	.98
Februar	14.28	.34	.34	.21	.13	.22	.25	.31	.48	.48	.48	**.53**	.27	−.11	−.43	**−.55**	**−.55**	−.49	−.34	−.30	−.29	−.27	−.26	−.25	−.20	1.08
März	18.95	.02	−.10	−.24	−.30	−.26	−.20	.04	.16	.27	.26	.28	.11	−.10	−.29	−.39	**−.41**	−.32	−.09	.15	.29	**.35**	.32	.28	.25	.76
April	13.63	.16	.05	.02	−.04	−.03	.14	.28	.31	.38	.40	.22	−.04	−.21	−.46	−.68	**−.70**	−.68	−.52	−.24	.12	.33	.36	.42	**.46**	1.16
Mai	19.00	.22	.16	.10	.01	.15	.27	.31	**.33**	.25	.22	.07	−.13	−.20	−.26	−.34	−.39	**−.48**	−.46	−.27	−.10	.08	.09	.15	.13	.81
Juni	21.09	.14	.01	−.14	−.17	−.12	−.02	.12	.21	.16	.11	.04	−.07	−.25	−.33	−.43	**−.48**	**−.48**	−.28	−.10	.15	.44	.48	**.50**	.40	.98
Juli	21.28	.34	.22	.11	.07	.17	.31	.44	**.54**	**.54**	.41	.33	.08	−.17	−.37	−.53	−.66	**−.69**	−.68	−.55	−.36	−.03	.14	.19	.17	1.23
August	20.36	.14	.02	−.05	−.08	.01	.16	.37	.49	**.54**	.47	.30	.11	−.05	−.25	−.41	−.53	−.61	**−.64**	−.50	−.17	.02	.13	.28	.26	1.18
Septbr.	21.88	.01	−.08	−.10	−.13	−.15	.06	.21	.30	.36	.27	.10	−.05	−.22	−.39	−.48	**−.53**	−.52	−.34	.02	.27	.34	**.40**	.34	.37	.93
Oktbr.	18.17	.26	.10	−.04	−.10	−.16	−.13	.05	.25	**.29**	.28	.25	.01	−.25	−.31	−.40	**−.44**	−.28	−.13	.01	.10	.15	.17	.12	.10	.73
Novbr.	15.42	.30	.32	.23	.20	.17	.11	.23	**.40**	.39	.43	.25	−.18	−.41	−.65	−.64	**−.66**	−.50	−.28	−.13	−.04	.04	.10	.14	.14	1.06
Dezbr.	17.99	−.05	.04	.02	−.10	−.12	−.08	−.03	.05	.24	**.47**	.33	−.06	−.40	**−.46**	−.34	−.25	−.15	−.09	−.05	.00	.10	.24	.30	.33	.93

Januar 1923. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	3.4	WSW 2	SW 6	WNW 4	NNW 6	N 7	SSE 5	S 1	S 1	SSW 1	NW 3	NW 3	WNW 2
2	2.2	SW 1	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0	SSE 1	WSW 1	N 1
3	3.4	SSE 13	SSE 12	SSE 11	SSE 11	SSE 12	SSE 11	SSE 2	SSE 0	SSE 0	SSE 2	SSE 4	SSE 1
4	0.9	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0
5	3.7	N 0	NE 1	ENE 4	E 4	E 1	E 5	E 13	ENE 11	ENE 16	ENE 15	ENE 5	ENE 5
6	2.1	SSE 0	SSE 0	SSE 1	SSE 1	SSE 1	SSE 4	SSE 0	SSE 0	SSE 1	SSE 0	SSE 0	WSW 5
7	1.8	NW 0	NW 1	NNE 1	ENE 0	NNE 2	NNW 2	NNW 1	NNW 0	NNW 0	NNW 0	NNW 2	NNW 2
8	7.1	SSE 8	S 7	S 9	S 8	S 10	SSW 11	SSW 9	WSW 10	WSW 9	SSW 7	S 10	S 6
9	6.1	SSE 8	SSE 6	SSE 3	SSE 3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 3	S 2	WNW 6
10	23.4	NW 9	WSW 18	WSW 25	WSW 35	WSW 26	WSW 25	WSW 22	WSW 20	WSW 19	WSW 18	WSW 25	WSW 23
11	3.8	WSW 17	SSW 12	S 12	S 7	SSE 5	SSW 10	NW 1	NW 0	SW 3	SSE 5	SW 3	WNW 2
12	6.4	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	NNE 2	NNE 5	NNE 6	N 9	NNE 10	N 9	N 8
13	6.6	NNE 12	N 9	N 7	N 6	N 6	N 8	NNW 8	NNW 10	NNW 10	NNE 3	NNE 6	NNE 5
14	4.6	N 1	N 4	ENE 2	NE 1	NNE 1	NNW 0	NNW 1	NNW 3	N 0	NE 1	NE 0	ESE 2
15	10.3	SSW 15	SW 17	SW 7	WSW 8	WSW 3	SSW 11	SW 3	SW 3	WNW 8	NNW 3	NNW 4	W 4
16	19.6	WSW 33	WSW 29	WSW 36	WSW 32	WSW 41	WSW 36	WSW 30	WSW 28	WSW 28	WSW 29	WSW 26	WSW 24
17	4.2	NNW 3	ENE 2	NE 4	NE 3	ENE 6	ENE 7	ENE 4	ENE 1	ENE 2	NNE 2	NNE 3	NNE 2
18	5.3	ENE 8	ENE 12	NE 11	NE 9	NE 7	NE 8	NNE 5	N 8	ENE 3	NE 7	NNE 4	ENE 7
19	4.4	NE 0	NNE 6	NNE 10	NNE 11	E 3	ESE 4	NNE 6	NNE 14	NE 4	E 3	E 2	E 5
20	12.4	SE 0	SSE 2	SSE 11	SSE 6	SSW 15	SSW 12	WSW 9	SSW 16	SSW 19	SSW 24	S 16	S 17
21	4.9	WNW 1	NW 1	NNW 3	NNW 0	NNW 0	NNW 2	NNW 0	NNW 7	N 4	N 6	N 7	NNE 10
22	3.1	NE 12	NE 12	ENE 7	ENE 9	NNE 2	N 0	N 0	NNE 1	NNE 0	N 1	N 0	NNE 2
23	2.3	SSE 0	SSE 0	SSE 0	SSE 11	SW 1	NW 4	WNW 6	WSW 10	W 0	NNW 5	NW 2	NW 0
24	1.6	SE 0	SE 1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SSW 0	S 7	S 5
25	0.1	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0
26	0.0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0
27	1.2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 2	S 8	SSE 1	S 1
28	4.7	WNW 3	WNW 8	WNW 6	NW 2	NW 3	WNW 1	WNW 0	NNW 1	WNW 1	NW 0	S 7	S 12
29	2.6	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 4	SSE 2	SSE 1	S 2	SSW 3	SSW 3
30	7.5	WSW 4	WNW 4	WSW 9	WSW 15	WSW 16	WSW 12	WSW 12	W 12	W 9	WSW 13	WSW 15	W 10
31	12.3	S 5	S 1	S 2	S 0	S 0	S 1	S 4	SSW 1	SW 3	WSW 15	W 13	WSW 15

Februar.

1	14.3	WNW 7	W 14	WSW 21	SW 22	WSW 22	WSW 22	WSW 23	WSW 16	SSW 9	WNW 12	WSW 10	W 9
2	9.7	WNW 15	WNW 11	WNW 12	NW 4	W 7	W 7	W 7	W 11	W 14	W 5	W 7	W 10
3	5.3	WNW 8	NW 3	N 0	ENE 5	SE 0	SE 6	S 4	W 9	WNW 9	W 13	W 12	WSW 11
4	1.6	WNW 1	WNW 0	WNW 0	WNW 1	WNW 1	WNW 1	WNW 1	WNW 1	WSW 2	S 3	S 1	WSW 2
5	8.1	NW 0	NNW 5	N 5	N 1	N 1	NNE 3	NNE 7	NE 3	NE 4	NNE 8	NE 11	NE 11
6	6.3	NNE 4	NE 4	NE 12	NE 15	NE 9	NE 16	NE 13	NE 13	NE 9	NE 6	NE 10	NE 8
7	4.1	S 8	SSE 8	SSE 8	SSE 0	SSE 0	SSE 0	S 0	SW 0	S 0	S 1	S 5	S 3
8	4.0	ESE 5	ESE 5	ESE 5	ESE 2	ESE 1	ESE 3	ESE 1	E 7	NNW 2	NW 1	ENE 2	NW 13
9	8.6	NNW 13	WNW 14	WSW 16	WSW 21	WSW 17	WSW 17	SW 20	SW 17	SW 8	SSW 9	SSE 7	SE 7
10	2.7	WNW 0	WNW 1	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	WNW 2	WNW 3	WNW 4	WNW 3	WNW 2
11	2.2	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	WNW 5
12	2.0	N 4	NNW 6	NNE 2	NNE 1	NNE 1	NNE 0	NNE 1	NNE 2	NNE 2	NNE 3	NNE 1	NNE 1
13	3.6	WNW 3	WNW 4	WNW 3	WNW 6	WNW 5	WNW 0	WNW 2	WNW 3	WNW 2	WNW 1	WNW 1	WNW 2
14	4.7	NNE 10	NNW 4	NNW 6	NE 20	N 11	N 7	NNE 8	ENE 5	NE 6	NE 4	ENE 5	E 4
15	5.7	ENE 5	ESE 4	SSE 7	SSE 4	S 5	S 3	S 1	S 5	S 4	S 8	SSW 7	SSW 2
16	9.7	SSE 0	SSE 0	SSE 2	SSE 0	SSE 0	SSE 0	SSE 2	SSE 2	SSE 1	SSE 0	W 2	W 1
17	13.5	WSW 10	WSW 12	WSW 11	WSW 4	WSW 5	WSW 3	WSW 2	W 1	WNW 0	SW 1	WSW 0	WNW 15
18	10.1	NW 8	NNW 4	NW 9	WNW 14	WNW 15	W 15	W 12	WNW 11	WNW 12	WNW 9	WSW 14	WSW 10
19	9.5	S 9	SSW 10	WSW 6	W 17	WNW 10	W 11	SW 11	SSW 8	SSW 8	SSW 8	SW 3	SSW 9
20	8.6	WSW 20	WSW 16	WSW 13	WSW 11	W 6	W 6	NW 6	NW 3	NW 6	WSW 7	WSW 10	W 9
21	8.5	SSE 4	SSE 3	SSE 6	SSE 5	SSE 1	SSE 1	SSE 2	SSE 0	SSE 4	SSE 2	S 3	SSW 4
22	17.8	WSW 35	WSW 34	WSW 30	WSW 29	WSW 19	WSW 21	WSW 20	WSW 24	WSW 34	WSW 23	WSW 23	WSW 23
23	9.4	SE 8	SE 6	NNW 7	NNW 8	NNW 2	SW 4	S 8	SSE 7	S 10	S 8	S 15	S 15
24	6.1	SSE 11	SSE 10	SSE 11	SE 12	SE 12	SE 4	SE 3	SE 1	SE 1	SSE 1	SW 3	SSW 6
25	11.6	NW 2	N 5	N 3	N 2	NW 1	NW 3	NW 2	W 4	SSE 2	SSE 3	SSE 3	S 6
26	12.8	WSW 16	WSW 22	WSW 18	WSW 18	SW 17	WSW 15	WSW 5	SW 9	S 11	S 4	S 10	SSW 8
27	22.3	SW 30	SW 23	WSW 22	WSW 21	WSW 24	WSW 11	S 5	W 13	WSW 27	WSW 19	SW 23	SSW 22
28	31.0	WSW 25	WSW 17	WSW 25	WSW 26	WSW 29	WSW 34	WSW 30	WSW 29	WSW 32	WSW 31	WSW 34	WSW 32

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Januar. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SW 4	SSW 5	S 10	SSE 8	SSE 6	SSE 3	SSE 1	SSW 0	WSW 0	NW 0	WNW 1	WNW 2	81
2	N 3	NNE 4	N 4	N 7	N 3	N 0	N 0	N 0	N 0	ENE 5	SE 9	SE 11	52
3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 1	SSE 0	SSE 0	SSE 1	82
4	ESE 0	ENE 0	ENE 0	ENE 0	NE 2	NNE 0	NNE 2	N 5	N 2	NNE 5	NNE 3	N 3	22
5	ENE 2	ENE 4	ENE 0	NE 2	NNE 1	NNE 0	NNE 0	ENE 0	E 0	E 0	SE 1	SSE 0	90
6	NNW 7	NW 6	WNW 10	WNW 11	NW 4	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	51
7	WNW 1	W 3	WNW 1	WNW 3	WNW 1	WNW 0	WNW 0	WNW 0	S 3	SSE 3	SSE 8	SSE 10	44
8	S 8	S 8	S 8	SSW 6	SSW 5	SSW 8	S 4	S 0	SSW 4	SSW 4	SSW 5	S 7	171
9	SSW 4	SSW 5	SSW 5	SSW 7	SSW 7	WSW 12	WNW 8	WSW 7	WSW 14	WSW 15	WSW 14	WNW 16	146
10	WSW 30	WSW 28	WSW 28	W 27	SW 23	WSW 21	WSW 28	WSW 24	SSW 15	SSW 21	SSW 24	SSW 27	561
11	NNW 4	NNW 6	N 2	NNE 0	NE 0	E 0	ESE 0	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	90
12	N 10	N 11	N 12	NNE 8	N 3	N 3	N 4	N 10	N 9	N 10	N 12	N 12	153
13	NNE 4	N 6	NNE 12	NE 12	NE 15	NE 12	NNE 3	NE 1	NE 1	NNE 1	NNE 1	NNE 0	158
14	S 3	WSW 2	SW 1	SSW 3	SSW 2	SSW 9	SSW 11	SSW 12	SSW 13	S 14	SSW 13	SSW 12	111
15	W 6	NW 9	NW 11	WNW 9	WNW 18	WNW 9	WNW 12	WNW 10	WNW 13	WSW 12	WSW 20	WSW 32	247
16	WSW 25	WSW 26	WNW 21	N 7	NNW 0	NNW 1	NW 1	WNW 7	WNW 3	WNW 5	WNW 9	NW 3	470
17	N 5	NNW 4	NNW 8	NNW 9	N 5	N 3	NNE 2	NNE 1	NE 2	NNE 3	NE 11	ENE 9	101
18	ENE 7	E 9	ENE 9	E 6	NE 1	ENE 1	NNE 1	NNE 4	N 0	NNE 0	NNE 0	NNE 0	127
19	NNW 5	NE 7	ENE 8	NE 4	NNE 0	NE 3	E 6	SE 2	SE 2	SE 0	SE 0	SE 0	105
20	WSW 11	WSW 16	WSW 8	WSW 24	WSW 28	WSW 25	W 10	WNW 7	WNW 6	WNW 2	WNW 4	WNW 0	298
21	NNE 15	NNW 4	N 3	NNE 4	NNE 10	NE 11	ENE 10	ENE 4	ENE 8	ENE 5	ENE 0	NE 2	117
22	NNW 8	N 5	ENE 7	NNE 4	ENE 3	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSE 2	75
23	WSW 5	SSE 1	SW 2	SW 2	S 1	SE 1	E 2	ESE 3	ESE 0	SE 0	SE 0	SE 0	56
24	SW 7	NW 9	NW 7	NW 2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	38
25	NW 0	NW 0	NW 1	NW 0	NW 0	NW 1	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	3
26	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	0
27	SSW 3	SSW 0	SSW 0	SSW 0	SSW 0	WSW 0	NW 1	W 1	WNW 5	WNW 3	WNW 3	WNW 0	28
28	SSE 12	S 11	SSW 6	SSW 4	SSW 6	SSW 3	S 5	SSE 6	SSE 4	SSE 3	SSE 4	SSE 6	114
28	SE 6	SSW 2	SE 1	NNE 1	W 4	SW 9	WNW 5	WNW 6	W 10	SW 1	WSW 1	WSW 1	63
30	W 14	WNW 7	W 8	WSW 6	WSW 0	WSW 3	WSW 2	WSW 0	SW 2	S 0	S 0	S 0	179
31	WSW 12	WSW 16	SW 20	SW 25	SW 23	WSW 25	WSW 27	WSW 25	SW 22	WSW 17	WSW 8	WNW 14	294

Februar.

1	WSW 14	WSW 19	SW 14	WNW 4	NW 12	WNW 13	W 16	W 8	W 14	WNW 11	WNW 13	NW 17	342
2	WNW 14	WNW 17	WNW 22	WNW 29	WNW 16	W 7	W 5	NW 1	SW 4	SSE 1	S 1	W 7	234
3	SSW 9	SW 5	W 9	WNW 7	WNW 3	SSW 8	SSE 3	WNW 0	WNW 0	WNW 1	WNW 0	WNW 1	126
4	WNW 3	NW 5	NW 3	NW 0	NW 3	NW 4	NW 2	NW 2	NW 0	NW 0	NW 0	NW 3	39
5	ENE 12	NE 18	NE 17	NE 13	ENE 16	NE 10	NNE 10	NNE 11	NNE 7	NNE 9	NNE 8	NNE 5	195
6	ENE 5	ENE 4	SE 2	ENE 4	E 1	E 1	E 3	E 2	E 1	SE 2	S 4	SSW 4	152
7	SSW 2	SSW 4	SSW 6	S 7	SSE 8	SE 8	SE 4	SE 1	SSE 6	SSE 6	SE 8	ESE 5	98
8	NNW 10	NW 11	NNW 5	NE 3	ENE 10	ENE 2	SE 1	S 2	S 0	S 1	ESE 3	ESE 1	96
9	SSW 4	SSW 5	W 11	W 10	W 6	WNW 3	WNW 0	WNW 0	WNW 1	WNW 0	WNW 1	WNW 0	207
10	WNW 5	NW 7	WSW 4	SW 4	SE 2	NNW 7	NNW 5	NNW 5	NNW 2	NNW 1	WSW 4	SSE 3	65
11	NNW 8	NW 3	N 1	NNE 3	NNE 1	NNW 4	NNW 1	NNW 4	NNW 3	NNE 2	NE 6	NNE 8	52
12	NNE 1	NNE 2	NNE 2	N 4	NNE 0	NNE 2	NNE 0	NNE 0	NNW 0	NW 2	WNW 4	WNW 7	48
13	WNW 0	WNW 1	WSW 4	S 4	SE 3	E 1	ENE 10	ENE 8	NNE 4	NNE 3	NNE 9	NNE 7	86
14	SSE 4	W 3	WNW 2	WNW 4	NW 4	NNE 5	NNE 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	112
15	SSW 6	SSW 6	S 7	S 9	SSE 9	SSE 8	SSE 7	SE 8	SE 10	SSE 8	SSE 1	SSE 2	136
16	SW 5	SW 11	WSW 23	WSW 25	WSW 16	WSW 23	WSW 26	WSW 20	WSW 21	WSW 17	WSW 22	WSW 14	233
17	WSW 15	WSW 20	WSW 30	W 34	W 23	WSW 23	WSW 23	WSW 26	W 23	WNW 21	WNW 10	WNW 12	324
18	SSW 8	S 14	S 17	SSE 12	SSE 10	SSE 6	SSE 1	SSE 4	SSE 8	SE 12	SSE 10	SSE 8	243
19	WSW 5	S 6	S 9	S 17	W 9	ESE 4	WSW 5	SW 8	W 13	WNW 10	WNW 11	WSW 21	228
20	WNW 8	WNW 9	WNW 11	NW 8	WNW 11	WNW 12	SSW 6	SSE 7	SSE 4	SSE 7	SSE 6	SSE 4	206
21	SSW 6	SSW 9	SSW 6	SSW 7	S 10	SSE 7	S 12	WSW 18	WSW 18	WSW 30	WSW 16	WSW 29	203
22	WSW 27	WSW 23	WSW 13	WSW 12	WNW 9	WNW 3	WNW 0	ENE 4	E 3	NE 2	NNW 8	SE 9	428
23	S 11	S 10	S 10	S 14	SSW 10	S 8	SSW 12	SSW 12	SSW 7	SSW 8	SSW 11	SSE 14	225
24	SW 3	WSW 3	WSW 2	W 14	WNW 12	WNW 13	NW 7	NW 3	NW 2	NW 2	NW 5	NW 5	146
25	SSW 16	SW 20	SW 24	SW 22	WSW 24	WSW 27	W 26	W 17	W 19	W 16	WSW 18	WSW 13	278
26	SSW 0	SW 2	WSW 2	WSW 13	W 22	WSW 21	SW 8	SW 10	SSW 6	WSW 19	WSW 27	WSW 24	307
27	WSW 28	WSW 31	WSW 26	WSW 26	WSW 26	WSW 26	WSW 19	WSW 18	WSW 21	WSW 25	WSW 27	WSW 23	536
28	WSW 35	WSW 35	WSW 30	WSW 33	WSW 30	WSW 25	WSW 26	WSW 22	SW 31	SW 36	WSW 46	WSW 50	744

März 1923. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	30.4	WSW 42	SW 32	SW 42	SW 39	WSW 41	WSW 37	WSW 38	WSW 40	SW 30	WSW 27	WSW 33	WSW 33
2	11.2	S 5	SSE 3	SSE 6	SSE 7	SSE 3	SSE 5	SE 8	S 10	S 13	S 10	SSW 14	SSW 17
3	21.4	NNW 4	WNW 6	E 5	N 4	ENE 3	NNE 4	NNW 14	N 8	WNW 34	SW 41	SW 44	WSW 41
4	6.8	NW 10	NW 9	N 5	WSW 6	W 6	WSW 9	WNW 11	WSW 9	SW 11	SW 13	SSW 8	WNW 8
5	9.5	NNW 7	NNW 9	N 9	N 10	N 6	NNE 9	NNE 8	NNE 10	NNE 14	NNW 6	NW 10	NNW 14
6	5.9	NW 2	NW 2	NW 4	WNW 6	WNW 8	WNW 6	WNW 6	W 5	WNW 8	WNW 9	WNW 14	WNW 14
7	10.9	WNW 5	WNW 0	WNW 0	WNW 10	SSE 6	S 8	SSE 6	SE 5	SSE 7	SSW 7	SSW 10	S 10
8	7.3	W 15	W 14	WNW 5	SW 7	S 4	SSE 6	SE 6	S 8	S 11	S 5	SSW 5	SSW 7
9	4.1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 2	NE 8	NNW 4	NNW 4	N 5	N 5	ENE 2
10	2.8	NW 5	WNW 4	WNW 0	WNW 1	WNW 1	WNW 0	WNW 4	NNW 2	N 1	NNW 0	NNE 4	NNE 2
11	7.4	NNE 4	NNW 3	NNE 9	NE 13	NNE 5	NNE 8	NNE 6	NE 8	NE 10	NNE 11	NNE 9	NNE 7
12	3.1	N 6	NNE 8	NNE 4	NNE 4	NNE 0	NNE 5	NNE 1	NE 12	ENE 3	ENE 0	ESE 5	S 8
13	4.8	NNE 7	NE 10	ENE 5	NE 4	NE 2	S 3	NE 0	NE 0	ENE 3	ENE 7	E 9	ENE 7
14	8.2	NNE 3	NNE 3	N 1	N 6	NNE 5	NNE 10	NNE 8	NE 10	NE 10	NE 10	NE 9	NE 10
15	7.6	NNE 6	NNE 4	NNE 7	NE 6	ENE 4	ENE 8	ENE 6	ENE 9	NE 8	NE 4	NNE 6	NE 7
16	5.2	WNW 5	WNW 3	WNW 0	WNW 2	WNW 2	N 6	ENE 7	ENE 7	ENE 5	ENE 5	E 4	ENE 6
17	4.8	NNE 3	N 0	N 1	N 1	N 0	N 1	NE 5	ENE 9	NE 4	NNE 3	NNE 7	NNE 8
18	9.5	NNE 11	NE 23	NE 25	NNE 17	N 6	NNE 9	NNE 12	NNE 6	NE 8	NE 10	NE 12	NE 16
19	2.9	NNW 1	NNE 3	N 1	ENE 3	SSE 0	ESE 2	W 1	W 1	NNW 2	NNE 6	NE 5	ENE 5
20	4.2	NNW 1	NNW 0	NNW 1	NNW 0	NNW 0	NNW 0	NW 0	NW 0	W 0	SW 3	SW 2	W 4
21	4.7	N 0	N 0	N 2	N 2	NW 3	NNW 1	WNW 2	NNE 1	NNE 1	NNW 2	NW 5	WNW 5
22	4.3	SSE 5	SSE 3	SSE 5	SSE 3	SE 4	SE 2	SE 3	SE 5	SE 1	SE 2	SE 1	SW 4
23	4.2	NE 1	NE 3	ENE 5	E 3	E 1	N 1	N 1	N 1	NNW 1	NW 3	NW 2	W 1
24	3.3	SE 4	SE 1	SE 4	S 2	SW 1	SW 1	SSW 4	SSE 4	S 3	S 0	S 0	SSW 3
25	3.7	SSE 1	SSE 0	SSE 2	SSE 3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSW 1	W 3	W 4
26	3.5	SE 4	SE 3	SE 0	SE 1	SE 2	SE 0	SE 0	SE 1	SE 1	SE 2	S 2	SW 3
27	3.5	SSE 3	SSE 2	SE 4	ESE 1	ESE 0	ESE 2	SE 5	SE 4	S 3	S 1	S 0	SW 2
28	8.2	SSE 5	SSE 3	SSE 7	SSE 7	SSE 3	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	WSW 2	WNW 10
29	3.3	SSW 1	SSW 0	SSW 0	W 0	WNW 0	WNW 0	WNW 0	WNW 6	WNW 2	WNW 0	NW 1	NNE 4
30	5.0	NNW 2	NNE 5	NNE 0	NNE 6	NNE 5	NE 6	NE 12	NE 11	ENE 11	NE 7	NNE 12	NE 7
31	4.0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SW 2	WNW 11

April.

1	6.5	SW 9	NNW 8	NNW 1	E 3	SE 1	SE 4	ESE 3	NNE 0	NNW 2	SSW 4	WSW 7	WNW 3
2	12.8	NE 18	NE 15	NE 25	ENE 13	N 4	NW 5	NNE 7	ENE 8	NE 0	NE 11	NE 15	ENE 13
3	5.1	NNW 1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 2	W 3	WNW 7	WNW 2
4	8.6	NW 11	WNW 10	NW 2	W 1	W 0	NNW 5	NW 6	NW 5	N 3	NNE 11	NE 10	NE 10
5	3.3	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	W 0	WNW 5
6	4.5	S 5	WSW 1	SSW 5	SSE 0	SSE 5	SSE 9	SSE 3	SSE 0	S 2	SSW 2	S 6	ESE 8
7	5.5	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 2	NE 8	NW 6	WNW 4	WNW 7
8	15.5	NE 2	NE 8	NNE 16	NNE 10	NE 14	NE 15	NE 19	NNE 10	NNE 14	NNE 10	NNE 14	NE 20
9	6.5	ENE 17	NE 22	NE 18	ENE 16	NE 14	NE 4	NNE 3	NE 7	NE 3	NNE 2	NW 6	WNW 6
10	4.3	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 1	NW 9	N 10	NE 5
11	3.9	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 0	NW 0	W 0	WNW 3	WNW 5
12	6.8	SE 7	ESE 5	ESE 2	ESE 0	ESE 0	ESE 3	N 4	NNW 3	WNW 11	WNW 10	SSW 4	SW 4
13	6.8	NW 1	NW 0	NW 0	NW 4	SSE 1	SE 0	SE 1	S 0	SSW 1	NW 5	NNW 8	NNE 5
14	12.8	SSW 13	SSW 11	SSE 14	SSE 11	SSE 8	SSE 6	SSE 9	S 9	S 12	S 8	S 5	SW 3
15	7.7	S 5	S 5	SSE 7	SSE 10	SSW 11	SSW 6	S 6	SSW 10	S 7	SSW 6	SSW 7	SSW 4
16	6.4	SSE 8	SSE 9	SSE 8	SSE 3	SSE 4	SSE 5	S 9	W 11	SSW 1	S 5	S 7	SSW 4
17	6.8	WSW 2	NW 2	NNW 10	NNW 9	NNW 0	NNW 8	SE 12	S 10	SSW 14	S 10	SSW 12	SSW 7
18	4.5	E 0	E 0	E 0	E 1	E 3	NE 0	NE 1	ENE 3	NE 3	NE 6	NNE 14	NNE 11
19	6.3	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 2	NNW 0	NW 2	WNW 12	WSW 13	WSW 11	SSW 10
20	6.0	SE 0	SE 0	SE 0	ESE 2	ENE 1	ENE 0	ENE 0	NE 3	WNW 1	WNW 6	NNW 11	NW 7
21	11.1	NW 1	NW 6	NW 6	NNW 7	NNE 12	NNW 7	SW 3	WNW 5	NNW 9	NW 7	NNW 7	NNE 13
22	6.2	SE 8	SE 6	SSE 7	SE 5	SSE 4	SSE 5	SE 8	SSE 5	S 6	SSW 7	WSW 7	W 11
23	5.6	NNW 5	NNW 1	NNW 4	NNW 1	NNW 5	NNW 2	NNW 1	NNW 1	NW 1	NW 0	W 9	W 14
24	8.8	NW 13	WNW 14	WNW 9	WNW 13	NW 9	WNW 13	NW 8	NW 6	NW 0	SW 3	SSW 5	S 9
25	9.0	NE 1	NE 7	NNE 2	NNE 3	NNE 0	NNE 0	NNE 0	NNE 2	NNW 4	WSW 2	WNW 6	SSW 16
26	7.8	S 6	S 5	SSE 7	SSE 10	SSE 9	SSE 5	SSE 0	SSE 0	SSE 0	SW 4	WNW 7	W 10
27	7.6	WNW 7	WNW 16	WNW 19	W 9	WNW 5	WNW 9	WNW 9	WSW 1	SSW 4	SSW 3	SSW 2	WSW 5
28	6.3	NW 5	W 4	SSW 1	WSW 2	WNW 4	WNW 7	WNW 4	WNW 7	WNW 11	SW 3	SSE 7	SSE 0
29	6.0	SSE 9	SSE 9	SSE 5	SSE 6	SE 2	SE 5	SE 2	SE 1	S 1	W 9	WNW 11	WSW 10
30	11.2	SSW 6	S 4	SSE 8	SSE 6	SE 9	SSW 13	S 12	SSE 10	SSE 3	SSE 11	S 15	WSW 16

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). März. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 44	WSW 35	WSW 43	WSW 30	WSW 17	WSW 17	WSW 21	WSW 20	WSW 25	WSW 20	WSW 18	S 6	730
2	WSW 22	SW 16	WSW 25	WSW 29	S 13	S 13	SSE 13	SSE 8	SSE 9	SSE 5	SSE 8	NE 6	268
3	WSW 42	WSW 34	WSW 37	WSW 39	WSW 25	WSW 22	WSW 21	WSW 20	SW 20	SW 16	SW 15	WSW 15	514
4	NW 6	NW 8	WNW 7	WNW 8	W 7	W 3	W 2	WNW 7	NNW 6	NNW 0	NNW 0	NNW 5	164
5	N 10	N 7	NNW 9	NNW 11	NW 14	NW 16	NW 13	NW 9	NW 10	NW 7	NNW 5	NNW 4	227
6	WNW 11	WNW 6	WNW 8	WNW 6	WNW 6	WNW 4	WNW 4	WNW 0	WNW 2	WNW 4	WNW 3	WNW 4	142
7	SSE 11	S 11	SW 15	SSW 16	SSW 19	S 13	S 8	WSW 18	WSW 24	WSW 23	SW 16	WSW 14	262
8	SW 4	WSW 2	WNW 19	WSW 13	S 7	S 9	S 9	S 8	S 5	SE 4	ESE 2	SE 0	175
9	NW 4	NE 6	NW 10	NNE 10	N 15	NNE 15	N 3	NNW 0	NNW 0	NNW 0	NW 5	NW 1	90
10	NNE 4	N 3	NE 5	NNE 5	NNE 3	NNE 4	ENE 10	E 3	E 0	E 0	ENE 1	NE 6	68
11	NNE 9	NNE 9	NNE 9	NNE 9	NNE 17	N 5	N 2	N 0	N 2	N 8	N 7	N 8	178
12	SSW 18	SSW 2	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 1	SSW 0	SW 0	NNE 8	75
13	ENE 9	ENE 8	ENE 8	ENE 7	NE 6	ENE 1	ENE 0	ENE 0	NNE 7	NE 6	NNE 3	NNE 2	114
14	NNE 11	NE 10	NNE 15	NNE 13	NNE 13	NNE 8	NNE 12	NE 10	NE 8	NNE 6	NNE 0	NNE 5	196
15	NE 7	ENE 6	NNE 11	NNE 15	NNE 16	NE 16	NW 4	NW 6	NW 7	NW 7	NW 7	NW 6	183
16	ENE 7	E 6	NE 8	NNE 11	NNE 6	NE 8	NE 4	NE 8	NE 6	ENE 8	NNE 2	NNE 0	126
17	NNE 9	NNE 9	NNE 7	NE 7	ESE 5	ESE 4	E 6	E 4	NE 2	NNE 6	NE 6	NNE 9	116
18	NE 16	ENE 14	ENE 11	NE 9	NE 6	NE 1	NE 4	NE 8	NE 1	NE 0	NNW 1	NNW 3	229
19	ENE 7	NE 6	NE 6	NE 8	NE 7	NNE 3	NE 0	NE 0	NE 0	NE 1	NNE 1	NNW 1	70
20	NW 5	NNE 12	NNE 16	NNE 10	NE 7	E 1	ENE 7	NE 10	NE 5	N 4	N 8	N 4	100
21	WNW 6	NW 14	WNW 12	W 11	WSW 9	WSW 6	W 6	WNW 11	NW 6	NW 2	WNW 2	SE 4	113
22	W 5	NW 8	NW 7	NNE 5	NNE 5	NNE 8	NE 12	NE 8	NE 5	NE 2	NE 0	NE 0	103
23	W 3	WNW 3	SSW 4	SSW 4	SSW 6	S 10	SE 12	SE 10	SE 7	SE 8	SE 6	SE 5	101
24	W 5	NW 4	NW 4	SSW 6	SSW 2	SSW 1	SSW 0	SSW 1	S 8	SSE 4	SSE 9	SSE 7	78
25	WNW 8	N 6	NNE 9	NNE 10	NNE 8	NE 7	NE 4	NNE 2	E 6	SE 6	SE 7	SE 1	89
26	SW 6	SW 6	SW 7	N 6	NE 3	NNE 4	NNE 6	NNE 0	ENE 5	SSE 9	SSE 7	SSE 6	84
27	WNW 4	W 6	SW 9	SSW 5	SW 3	SW 0	S 0	SE 0	SE 7	SSE 8	SSE 10	SSE 5	84
28	WNW 8	WNW 12	WNW 15	WNW 33	WNW 32	WNW 21	WNW 13	W 10	WNW 9	SSW 6	SSW 0	SSW 1	198
29	NE 5	NNW 4	NNE 14	NNE 11	N 10	N 6	NNE 4	ENE 2	NE 1	NNE 1	NNE 4	NNE 2	78
30	NNW 7	N 6	NW 4	SSW 6	SSW 9	SSW 4	SW 1	S 0	SSE 0	SSE 0	SSE 0	SSE 0	121
31	WNW 15	W 15	WNW 16	WNW 13	WNW 7	NNW 4	N 0	N 1	N 0	E 2	ESE 10	SE 1	97

April.

1	SW 5	WSW 7	WSW 2	WSW 0	NE 11	NE 12	ENE 20	E 12	E 8	ENE 9	NE 17	NE 9	157
2	NE 14	NE 14	ENE 18	NE 17	NE 13	NE 13	NE 21	NE 20	NE 11	NE 10	NNE 7	NNW 5	306
3	NW 4	NW 10	NNW 4	W 2	SSE 2	ENE 3	ENE 14	ENE 20	ENE 14	ENE 20	NNE 9	NNE 6	123
4	NE 13	NE 15	NE 14	NE 13	NE 14	NE 14	NE 16	NE 18	NE 8	NNW 4	WNW 3	WNW 0	206
5	WNW 6	WSW 3	W 2	SSW 7	S 15	S 7	SW 4	WNW 9	W 9	WSW 4	WSW 2	SW 6	79
6	SSE 12	NE 4	E 3	NE 8	NE 3	ENE 6	E 11	ESE 9	ESE 6	ESE 1	ESE 0	ESE 0	109
7	NE 7	N 7	ENE 9	NE 11	NNE 12	NE 9	ENE 7	ENE 9	ENE 11	NE 15	NE 9	NE 0	133
8	NE 24	NE 26	NE 25	NE 22	NE 19	NE 25	NE 20	NE 15	NNE 9	NNE 12	NE 10	ENE 12	371
9	WNW 3	WNW 7	WNW 7	W 9	SSE 6	S 1	S 3	SSW 1	SW 0	SW 0	SW 0	SW 0	155
10	ENE 10	ENE 7	NE 10	NNE 10	NE 11	NE 12	NE 16	ENE 1	ENE 1	ENE 0	ENE 0	ENE 0	103
11	W 5	W 6	SSW 3	SE 2	N 6	N 4	ENE 12	E 7	SE 8	SE 12	SSE 12	SSE 9	94
12	WNW 2	N 8	NE 11	NNW 5	SE 9	SE 7	WSW 15	NW 17	NW 19	NW 9	NW 7	NW 1	163
13	NNW 12	NNW 11	NNW 10	NNW 6	NNW 7	NW 10	NW 12	WNW 16	WNW 21	WNW 16	WNW 11	WNW 5	163
14	WSW 4	WNW 31	WNW 25	W 25	W 22	WSW 21	WSW 13	WSW 20	WSW 17	WSW 8	S 5	SSE 7	307
15	SW 5	S 8	S 12	SW 10	S 9	SSE 10	SSE 11	SSE 12	SSW 6	S 13	SE 4	ESE 0	184
16	S 3	S 5	WNW 4	S 10	S 17	S 12	NW 7	S 8	SSE 1	S 6	SSW 7	S 0	154
17	SSE 8	SSE 11	SSE 10	SE 4	ENE 6	ENE 2	NE 3	NNE 13	NE 8	ENE 2	E 0	E 0	163
18	N 8	NW 8	NNW 4	NNE 6	NE 4	NE 9	NE 9	ENE 14	ENE 3	ENE 0	ENE 0	ENE 0	107
19	S 6	SSW 7	SSW 6	S 9	SSE 11	SW 8	SSW 11	SSE 15	SSE 11	SSE 7	SSE 7	SE 4	152
20	N 7	ENE 11	ENE 13	ENE 12	ENE 9	ENE 11	NE 9	ENE 10	ENE 14	NNE 5	NNE 10	NW 3	145
21	NE 12	NNE 11	N 7	NNW 11	NW 14	W 32	W 32	WSW 20	SW 19	SSW 8	S 11	SSE 7	267
22	WSW 7	WSW 10	WNW 11	SSE 6	WNW 6	NNW 6	NNW 6	NNW 7	N 9	N 1	N 0	NNW 2	150
23	W 15	W 12	SSW 14	NNE 12	SSW 11	S 11	S 4	WSW 4	W 1	NNW 0	NNW 1	NNW 6	135
24	SW 7	S 13	SSE 13	S 15	SSE 15	S 15	S 12	SSE 8	S 1	ENE 5	ENE 4	NE 2	212
25	W 15	WSW 18	WSW 22	WSW 27	WSW 26	WSW 21	WSW 11	WSW 11	NW 11	W 3	SSW 5	S 2	215
26	WNW 15	WNW 16	W 16	WSW 15	SSW 11	SSW 9	SSW 7	SSE 9	SSE 10	SE 7	ENE 5	NNW 5	188
27	NW 3	NW 3	NW 4	NNW 9	NNW 10	N 12	N 13	N 12	N 11	N 8	N 4	NNW 4	182
28	ENE 1	NNE 0	E 8	SSE 10	SSE 12	SE 10	SSE 10	SSE 11	SSE 10	SSE 7	SSE 9	SSE 9	152
29	SSW 11	SSE 11	E 3	E 3	S 5	WNW 12	WNW 9	WNW 5	WNW 1	WNW 2	WNW 7	SSW 5	144
30	WSW 22	W 23	WNW 21	WNW 18	WNW 19	WNW 18	WNW 14	WNW 16	WNW 3	WNW 1	WNW 0	WNW 0	268

Mai 1923. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	2.9	WNW 0	WNW 0	WNW 3	WNW 1	WNW 5	WNW 3	WNW 0	WNW 0	WNW 2	SSW 2	SSW 7	NW 3
2	3.6	ESE 0	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	WSW 4	WSW 4
3	7.8	SE 6	SE 6	SE 6	SE 1	SE 2	SE 7	SE 1	SE 0	SW 2	W 1	NW 7	WNW 11
4	4.8	N 0	N 0	N 2	N 1	N 1	N 0	N 0	N 0	NNW 1	NNW 3	NW 5	N 9
5	4.5	E 0	E 0	E 0	E 0	E 1	E 0	E 0	E 1	NNW 6	WNW 6	W 4	S 4
6	5.5	SSE 10	SSE 9	SSE 9	SSE 10	SSE 8	SSE 6	SSE 7	S 1	S 6	SSW 8	S 3	SSW 4
7	7.8	SE 11	SE 10	SE 6	SE 8	SE 4	SE 2	SE 3	SE 0	S 0	SSW 3	WSW 4	SW 8
8	9.2	NW 7	NW 4	NW 10	SE 4	SSE 1	SSE 0	SSE 0	SSE 0	S 2	WSW 5	NW 6	WNW 5
9	11.0	WSW 32	WSW 25	W 13	NW 10	NW 7	WSW 0	SSE 3	SW 2	SW 3	SSW 9	WSW 17	WSW 26
10	26.3	SE 9	S 3	NNW 9	SE 8	WSW 39	WSW 41	WSW 43	WSW 46	WSW 46	WSW 31	WSW 32	WSW 28
11	22.1	WSW 18	WSW 20	WSW 19	WSW 19	WSW 16	WSW 18	SW 20	SW 19	WSW 24	WSW 25	WSW 23	WSW 25
12	19.1	WSW 27	WSW 19	SW 19	S 9	S 6	S 4	S 1	SW 6	W 18	W 19	W 34	W 38
13	16.4	SE 12	SE 8	SE 6	SE 8	SE 6	SSE 10	SSE 4	S 6	SW 13	WSW 14	W 18	W 19
14	17.0	SW 16	SSW 16	SSW 15	SW 20	WSW 22	SW 20	WSW 23	WSW 25	WSW 31	W 28	WSW 28	WSW 28
15	7.6	WNW 19	WNW 19	WNW 16	WSW 6	WSW 5	WNW 2	SW 7	S 1	NE 3	NNE 4	ESE 3	NE 6
16	16.0	ESE 1	ESE 2	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	SSE 2	WSW 7	W 23	W 36
17	17.0	W 10	NW 14	WNW 23	WNW 13	WNW 4	NNW 1	WSW 11	WSW 14	WSW 12	SW 15	WSW 17	WSW 22
18	8.3	WNW 19	WNW 16	WSW 8	SSW 8	S 8	SSW 3	WNW 1	WNW 6	WNW 9	W 8	W 8	WSW 7
19	6.9	NNE 0	NNE 0	NNE 0	NNE 0	N 1	ESE 1	ESE 0	S 3	SSW 5	WSW 7	WSW 14	WSW 10
20	5.2	SSE 5	SSE 1	SSE 2	SSE 0	SSE 1	S 2	ESE 0	SSW 1	W 3	NW 5	WSW 6	WNW 7
21	9.0	SSE 1	SSE 0	SSE 0	SSE 2	SSE 5	SSE 1	SSE 0	SSE 2	SSW 3	W 19	W 19	WSW 24
22	9.4	SSE 3	SSE 2	SW 6	NW 6	NW 6	NW 3	WNW 1	SSE 8	SSE 12	SSE 15	SSE 24	S 22
23	4.9	NW 0	NW 0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	NW 2	WSW 5	ESE 3	NNW 9
24	4.3	NNW 2	NNW 3	NNW 0	NNW 0	NNE 2	SE 6	ESE 4	ESE 1	ESE 0	ESE 4	NNE 8	NNW 0
25	6.1	ESE 0	ESE 0	ESE 0	ESE 2	ESE 0	ESE 0	ESE 0	ESE 1	ENE 3	N 0	NNW 0	NW 5
26	8.3	NW 9	NW 0	NW 0	NW 4	NW 3	NW 1	NW 5	NW 4	NW 12	NNW 13	WNW 20	WNW 26
27	7.9	W 2	W 0	W 0	W 0	WNW 1	NW 0	NW 0	NW 1	WNW 2	WNW 2	NNW 2	N 4
28	9.6	WNW 9	WNW 7	WNW 4	WNW 2	WNW 0	WNW 0	WNW 4	WNW 9	WNW 12	WNW 13	W 23	WNW 20
29	7.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	ESE 2	NNE 5	N 8	NE 7	NNE 9	NE 11
30	8.4	N 8	NW 8	NW 10	NNW 12	NNW 10	NNW 9	WNW 9	W 12	WSW 18	SW 16	S 14	S 8
31	7.0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	WSW 6	ENE 4	NNE 9	NE 4	NE 8

Juni.

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	7.9	W 20	WSW 20	WSW 19	WSW 15	WSW 3	S 7	S 2	SSE 2	SSE 1	SSW 4	WSW 6	NW 7
2	5.9	N 5	N 2	N 0	N 0	N 0	N 1	N 0	N 0	N 0	N 0	N 2	N 19
3	8.0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 4	NNW 12	NNW 5	W 5	WNW 5
4	14.0	S 9	SSE 9	SSE 10	SSE 7	SSW 17	WSW 22	WSW 25	SW 16	SW 22	WSW 22	WNW 18	NW 11
5	11.7	WNW 10	WNW 11	WNW 9	WNW 6	WNW 7	WNW 11	WNW 12	WNW 18	WNW 12	WNW 9	W 16	WNW 18
6	17.0	SSW 8	SSW 8	SSW 8	SSW 3	SSW 4	SSW 4	SW 5	WSW 11	WSW 15	WSW 16	WNW 21	W 19
7	12.7	WSW 24	WSW 21	WSW 22	W 11	WSW 17	W 18	W 13	WNW 11	WNW 9	WNW 11	WNW 14	WNW 18
8	4.3	SSE 2	SSE 3	SSE 1	SSE 0	SSE 0	SSE 0	SE 3	ESE 4	NE 5	NNE 11	ENE 9	E 7
9	5.8	ESE 7	ESE 5	ESE 2	ESE 0	ESE 1	ESE 3	ESE 1	ESE 0	ESE 2	SSW 7	NW 5	WNW 12
10	5.4	NW 3	NW 9	NW 8	NW 5	NW 1	NW 2	NW 1	NW 0	NW 0	NW 3	WNW 5	WNW 4
11	16.4	WSW 7	S 1	S 1	S 0	S 0	S 0	SW 4	W 10	W 14	WSW 15	WNW 20	WNW 28
12	8.5	N 11	N 7	N 2	N 0	N 4	N 9	N 13	NNE 10	NE 10	NE 6	NE 6	NW 6
13	10.6	ENE 1	ENE 0	ENE 0	ENE 0	NW 7	NW 3	NW 1	SW 5	NW 12	WNW 6	W 12	WSW 16
14	15.1	WSW 20	SW 19	WSW 16	W 17	WNW 16	WNW 18	WNW 19	WNW 21	WNW 26	WNW 27	NNW 18	WNW 19
15	7.9	NW 0	NW 0	WNW 5	WNW 0	WNW 0	WNW 2	WNW 15	NW 12	WNW 14	WNW 13	WNW 15	WNW 17
16	17.5	SSW 2	W 4	SW 12	SSE 9	SSE 5	SSE 9	SSE 13	S 13	S 10	SSW 8	SW 11	WSW 23
17	18.3	WSW 18	W 15	WNW 20	W 18	W 22	W 22	W 16	W 19	WNW 25	WNW 26	WNW 27	WNW 22
18	6.2	WNW 8	NW 4	NW 7	NW 9	NW 8	NW 11	WNW 9	WNW 12	WNW 9	WNW 7	NW 12	NNW 10
19	5.9	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NW 0	NW 0	NW 1	WSW 4	S 8	S 6
20	9.0	SSE 8	SSE 6	SSE 7	SSE 3	SSE 10	SSE 4	SSE 5	S 10	SSW 10	WSW 15	W 18	W 13
21	4.1	WNW 0	WNW 3	WNW 0	WNW 3	NW 1	NNW 4	NNW 8	NNW 10	NNE 10	N 8	SE 8	NNE 7
22	7.8	N 3	N 3	NNW 2	NNW 0	NNW 0	NNW 1	NNW 2	NNW 3	WNW 8	NW 8	WNW 6	NW 10
23	6.2	SSW 11	SSW 11	SSW 11	SSW 10	S 6	SSE 7	SSW 5	SSW 6	S 8	S 6	S 9	S 2
24	4.6	SSE 4	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 1	NE 6	NNE 9	NE 11	NW 12
25	6.7	ESE 0	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	ENE 2	NNE 1	WNW 2	WNW 4	WNW 11
26	9.2	S 0	S 1	NW 2	NNW 1	WNW 3	WNW 12	WNW 14	WNW 14	WNW 6	WNW 13	WNW 14	W 6
27	6.7	N 7	NNE 7	NNE 8	NNE 9	NNE 8	NNE 5	N 3	NE 10	NNE 9	NNE 8	NNE 7	NNE 6
28	4.4	NE 3	ESE 0	ESE 0	ESE 0	ESE 1	ESE 0	ESE 3	ESE 0	ENE 4	NW 4	NNW 8	NNW 7
29	5.9	N 1	N 5	N 4	NNW 2	NNW 0	NNW 0	N 2	N 4	NNW 6	NNW 7	NW 16	WNW 7
30	5.3	SE 1	SE 1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	S 2	SSW 6	W 11	W 14

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **Mai.** Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SW 4	ESE 6	SW 7	WSW 10	WSW 5	WSW 0	NNE 2	E 0	NE 3	ENE 2	E 4	ESE 1	70
2	WSW 8	WSW 8	SW 7	SSW 10	SSW 7	SW 8	SW 1	SW 3	SW 0	SSE 8	SE 9	SE 8	87
3	WNW 15	WNW 19	WNW 21	N 22	ENE 16	ENE 9	ENE 7	ENE 9	NNE 5	NNE 6	NNE 6	N 3	188
4	N 12	NE 14	ENE 11	ENE 10	E 10	E 9	E 9	E 12	E 4	E 0	E 0	E 2	115
5	SSW 7	SSW 8	SSW 6	SW 5	SSW 6	SSW 3	S 3	SSE 5	SSE 8	SSE 13	SSE 13	SSE 10	109
6	SSW 10	SSW 8	S 7	SSW 6	SSW 4	SW 3	S 1	SE 0	SE 1	SE 5	SE 4	SE 2	132
7	SSW 12	WSW 16	WSW 15	WSW 17	WSW 16	WNW 17	WSW 15	WNW 7	NW 0	NW 0	NW 4	NW 8	186
8	WSW 13	W 22	W 27	W 25	WSW 19	WSW 11	SW 12	W 9	WNW 6	WNW 7	SSW 2	WSW 23	220
9	NW 16	E 8	WSW 24	SW 6	SSE 6	SSE 10	S 7	S 3	SSE 10	SSE 10	SSE 4	SE 12	263
10	W 37	WNW 41	W 33	WSW 18	SSW 15	SW 21	SW 27	WSW 25	WSW 16	WSW 22	WSW 23	WSW 18	631
11	WSW 26	WSW 24	W 23	W 23	W 19	W 16	WSW 15	WSW 21	SW 32	SW 26	SW 28	WSW 32	531
12	WNW 35	NW 32	NW 31	WNW 28	W 18	S 24	SW 23	SW 21	SW 18	S 12	SSE 7	SE 9	458
13	WSW 15	WSW 17	WSW 21	WSW 26	WSW 23	WSW 25	WSW 18	WSW 27	WSW 29	WSW 25	WSW 24	WSW 20	394
14	WNW 25	WNW 16	NW 5	NNW 6	WNW 19	WNW 21	NW 7	WNW 15	NW 4	WNW 1	WNW 2	WNW 14	407
15	E 6	NE 7	NNE 7	NE 7	NE 6	ENE 7	NE 10	ENE 14	ENE 18	E 6	ESE 2	ESE 1	182
16	W 45	WNW 44	WNW 31	WSW 27	SW 31	WSW 18	W 29	WSW 31	WSW 22	SSW 6	SW 14	WSW 13	384
17	W 24	W 19	W 15	WNW 17	WNW 25	WNW 25	NW 11	SW 17	SSW 19	SW 18	WNW 28	WNW 34	408
18	WNW 6	NW 10	NW 10	WNW 10	WNW 12	WNW 18	WNW 16	WNW 8	NW 6	N 1	N 0	N 2	200
19	WSW 18	W 15	WNW 13	WNW 16	NW 15	NW 11	WNW 9	W 6	S 6	SSE 7	SSE 5	SSE 3	165
20	WNW 7	WSW 8	WSW 10	SSW 12	SSW 15	S 14	SSE 12	SSE 11	SSE 3	SSE 0	SSE 0	SSE 0	125
21	WNW 20	WNW 16	NW 21	WNW 26	WNW 19	WSW 7	WSW 8	SSE 8	S 0	S 2	SSE 5	SSE 9	217
22	S 17	SSW 14	WSW 7	WNW 15	WNW 13	NW 15	NW 18	NW 14	NW 4	NW 1	NW 0	NW 0	226
23	WNW 9	WNW 12	NW 9	WNW 11	WNW 12	WNW 17	WNW 16	NW 10	NNW 1	NNW 1	NNW 0	NNW 0	118
24	WSW 3	SW 6	WSW 7	NW 8	W 7	S 8	S 7	SSE 8	SSE 8	NE 5	NE 3	E 3	103
25	NNW 9	NNW 11	WNW 19	NW 18	NW 15	NW 9	NW 7	NW 10	NW 14	NW 10	NW 8	NW 5	146
26	WNW 18	WNW 20	WNW 12	W 11	W 6	W 9	W 8	W 7	W 7	W 3	W 0	W 1	199
27	ENE 4	ENE 12	NE 14	ENE 20	ENE 18	ENE 13	ENE 9	NE 9	NNW 12	NW 19	NW 25	WNW 21	190
28	WNW 26	WNW 22	SW 12	SSW 11	SSW 10	S 8	S 8	SSE 6	SE 6	SE 11	SSE 8	SSE 0	231
29	N 13	NNE 11	NNE 14	NNE 11	NNE 10	NNE 5	NNE 3	NNE 12	NNE 14	NNE 12	NNE 12	N 12	171
30	SSW 8	SW 8	S 7	SW 5	SW 4	SSW 4	S 11	S 4	S 6	S 7	S 4	S 0	202
31	NNE 8	ENE 9	NE 11	NNE 12	NE 11	NE 10	NE 10	NE 11	NE 16	NE 14	NNW 7	WNW 19	169

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Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	NW 8	NW 8	NNW 7	NW 7	NNW 10	N 7	NNW 11	NW 12	NW 7	NNW 7	N 0	N 0	190
2	NE 19	ENE 17	E 9	S 19	S 9	SSE 3	E 6	ENE 12	ENE 14	ENE 3	ENE 1	ENE 1	142
3	WNW 7	WNW 12	WNW 11	WNW 21	WNW 20	WNW 19	WSW 13	SSE 16	S 8	SE 8	SSE 8	S 18	192
4	NNW 9	WNW 17	WNW 10	WNW 12	WNW 28	WNW 24	WNW 17	WNW 6	WSW 3	WSW 2	WSW 7	NNW 12	335
5	WNW 16	S 13	WSW 20	SW 15	WSW 15	WSW 12	SSW 13	SSE 10	S 9	SSW 7	SSW 6	SSW 7	282
6	W 26	W 25	W 28	W 24	W 26	WSW 21	WSW 21	WSW 21	WSW 26	WSW 33	WSW 22	WSW 13	408
7	WNW 24	WNW 18	WNW 17	W 15	SSW 11	S 9	S 6	S 0	S 1	S 7	S 7	SSE 1	305
8	NE 6	ENE 7	NNW 10	NNW 8	N 5	N 1	N 6	N 7	N 0	N 0	N 0	NE 7	102
9	WSW 13	WSW 11	WSW 15	WSW 11	WNW 9	NW 8	NW 7	NW 10	NW 5	NW 4	NW 1	NW 0	139
10	WNW 7	WNW 7	WNW 8	WNW 10	WNW 12	WNW 15	WNW 12	WNW 6	WNW 5	WNW 2	WNW 3	WNW 3	131
11	NW 28	WNW 29	WNW 30	WNW 40	WNW 38	WNW 34	NW 19	N 11	NNE 16	NNE 18	N 16	NNE 14	393
12	NNW 9	N 6	NNW 8	N 10	NNE 9	NE 5	NE 10	ENE 15	ENE 19	ENE 17	ENE 8	ENE 5	205
13	WSW 16	WSW 22	WSW 24	W 25	W 18	W 23	WSW 14	WSW 15	W 15	WNW 7	WNW 3	W 9	254
14	WNW 15	NW 13	W 12	WSW 11	W 17	WNW 15	W 9	W 15	WNW 9	NW 7	NW 3	NW 0	362
15	WNW 16	WNW 16	WNW 17	WNW 15	WNW 11	WNW 9	WSW 7	SW 2	WNW 2	WNW 1	WNW 0	WNW 0	189
16	WSW 27	W 29	W 24	WSW 23	W 34	WNW 36	WNW 24	WSW 21	SW 25	WSW 21	WSW 19	WSW 18	420
17	WNW 25	WNW 23	WNW 22	WNW 27	WNW 26	WNW 19	WNW 14	WNW 14	WSW 10	SSW 6	SSW 1	WSW 3	440
18	ENE 12	SE 8	WSW 4	S 3	SE 1	E 1	NNE 2	NW 0	NW 2	NW 3	NW 3	NW 1	148
19	S 11	S 13	SSW 14	SSW 15	S 15	S 13	SSW 12	SSW 10	S 7	SSE 6	SSE 0	SSE 6	142
20	WSW 17	WSW 13	WSW 17	SW 12	SW 15	SW 13	WSW 12	WSW 6	WNW 0	WNW 0	WNW 3	WNW 0	216
21	ENE 6	NNE 4	N 8	N 7	N 1	N 2	N 0	N 1	N 0	N 1	N 5	N 2	99
22	NW 9	WNW 16	WNW 21	WNW 20	NW 16	NW 15	NW 5	WSW 6	S 7	SSW 8	SSW 9	SSW 9	187
23	S 10	SSW 7	SSW 1	S 6	SSE 5	SSE 2	SSE 4	SSE 8	SSE 5	SSE 3	SSE 5	SSE 0	148
24	NE 13	NE 12	NNE 10	NNE 7	NNW 10	NNE 4	NNE 2	NNE 4	NNE 4	NNE 0	ENE 0	ESE 0	110
25	WNW 15	WNW 14	WNW 16	WNW 20	WNW 18	SW 16	SSE 12	SW 12	NNE 4	E 7	E 2	S 3	161
26	SW 6	N 20	N 12	NNW 7	WNW 18	NW 15	NNW 16	NNE 16	N 4	NW 7	NW 7	NNW 7	221
27	NNW 7	NNW 10	NNW 10	NNW 6	NW 9	NNW 4	NNW 8	NNW 9	N 4	NE 6	NNE 1	NNW 0	161
28	N 6	N 6	NNW 8	NNW 7	N 8	NW 13	NNW 8	N 8	N 3	N 2	N 5	N 1	105
29	WNW 8	W 9	NW 14	N 4	W 4	SW 10	SSE 11	SE 11	SE 5	SE 6	SE 3	SE 2	141
30	W 14	WNW 13	WNW 12	WNW 12	WNW 12	WNW 12	NW 11	NW 2	NW 0	NW 0	NW 0	NW 4	128

Juli 1923. $h_a = 34{\cdot}5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	10.0	NW 8	NW 7	NW 6	NW 7	NW 3	NW 0	NW 0	NW 3	WSW 3	WSW 6	W 7	WNW 16
2	5.0	ENE 7	ENE 3	ENE 0	ENE 0	ENE 0	NE 1	N 0	N 1	NNW 3	NW 6	WNW 9	WNW 13
3	3.7	WNW 4	WNW 1	NNW 3	N 0	N 0	N 0	N 1	N 0	NW 2	SSW 11	S 11	SSW 9
4	5.2	NNW 0	NNE 1	E 0	E 0	E 0	E 0	E 0	NNE 3	NW 8	NNE 4	NE 5	NNE 9
5	8.3	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	N 1	NNE 3	NE 6	NNE 11	NNE 12
6	8.1	NNE 2	NNW 4	WNW 10	NW 6	NNW 1	NNW 0	NNW 0	N 5	NNE 7	NNE 11	NNE 10	NE 12
7	3.2	WNW 3	WNW 0	NW 1	N 1	N 0	N 0	N 0	N 2	WNW 2	WNW 0	WNW 4	NNW 4
8	2.8	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 1	N 2	NW 5	NNW 5
9	8.2	NNE 0	NNE 0	NNE 1	NNE 1	NNE 0	NNE 0	NNE 0	NNE 1	NNE 4	NNE 9	NE 19	NE 22
10	5.0	NNW 5	W 0	WNW 2	NW 0	NW 0	NW 0	NW 0	NW 0	WNW 2	NW 5	NW 10	N 9
11	7.1	NNW 0	NW 5	NW 0	NW 0	NW 0	NW 4	NW 2	NW 1	NW 3	NNW 6	NW 7	NNW 8
12	4.6	NW 2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NW 6	E 3	NW 8	NNW 6	NNW 3
13	7.5	SSE 0	SSE 0	SE 2	E 2	E 0	E 0	E 0	ENE 1	NNW 8	NW 7	WNW 14	W 15
14	4.0	ESE 0	ESE 0	ESE 0	ESE 1	ESE 3	ESE 2	ESE 2	N 10	NW 6	W 6	SW 9	WSW 7
15	11.1	ESE 7	ESE 5	ESE 6	SE 10	ESE 7	E 1	N 4	WNW 7	NNW 9	W 10	SW 11	WSW 8
16	8.9	SSE 12	SSE 12	SSE 11	SSE 9	SSE 5	SSE 1	SSE 1	SSW 4	S 6	S 12	SW 14	W 13
17	8.1	NW 0	NW 0	NW 0	NW 0	W 0	SW 0	SW 0	SW 1	SSW 6	S 4	SSW 8	W 8
18	5.4	ESE 6	ESE 6	NE 6	N 2	N 0	N 0	NW 1	W 6	NNW 10	NNW 7	NNW 7	NNW 7
19	4.9	SSE 0	SSE 0	SSE 2	SSE 3	SSE 0	SSE 2	SW 1	NW 7	N 4	NNE 5	SE 5	W 10
20	6.4	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 2	ESE 1	NNE 3	WNW 6	NW 9	WNW 10
21	5.1	ESE 0	ESE 1	NE 2	NNW 9	NNW 3	NNW 0	NNW 0	NNW 2	NNE 4	N 9	NNE 8	NNE 10
22	5.0	NNW 0	NNW 1	N 0	N 1	N 0	N 0	N 0	NNW 4	NNW 6	N 1	SE 7	SSW 11
23	3.5	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	SSE 2	WSW 4	NW 5
24	9.6	ESE 8	ESE 9	ESE 9	ESE 6	ESE 1	ESE 0	SE 4	SE 1	SW 7	W 14	W 15	WSW 18
25	9.3	SSE 4	SSE 4	SSE 0	SSE 0	SSE 2	S 3	SSW 4	WSW 3	S 6	S 8	S 15	S 9
26	24.8	WSW 22	WSW 31	WSW 24	WSW 24	WSW 31	WSW 22	WSW 24	WSW 27	WSW 25	WSW 27	W 28	WNW 28
27	14.7	W 20	W 20	WNW 22	WNW 15	WNW 8	WNW 14	WNW 28	WNW 24	WNW 17	WNW 18	WNW 17	WNW 10
28	3.3	NE 3	ENE 2	N 4	NW 1	NW 1	NW 0	NW 0	NNE 2	E 5	E 6	NE 5	NNW 10
29	8.0	ESE 3	ESE 1	ESE 1	ESE 1	ENE 4	NW 7	E 4	SSE 1	SSW 2	WNW 12	NNW 11	NNW 13
30	17.2	SSE 5	S 10	SSW 11	SSW 7	SSW 7	SSE 7	WSW 16	WSW 17	WSW 18	WSW 20	WSW 31	WSW 33
31	14.5	WSW 14	SSW 14	SSW 16	SSW 13	SSE 8	S 7	SSW 19	WSW 25	WSW 23	WSW 15	WSW 22	WSW 21

August.

1	18.7	S 11	SSW 21	W 21	W 22	SW 22	WSW 18	WSW 22	WSW 20	WSW 20	SW 18	SSW 23	SW 24
2	4.0	ESE 7	ESE 7	ESE 6	ESE 0	ESE 0	ESE 0	ESE 0	ENE 1	NW 5	S 7	ESE 3	SSW 5
3	7.5	SE 6	SE 7	SE 4	SSE 0	SE 3	SE 4	SE 0	S 2	WNW 12	WNW 21	WNW 17	WNW 14
4	5.2	WNW 1	NNW 4	NNE 0	NNE 1	NE 0	NE 2	NE 2	E 3	NNE 13	NE 11	NE 10	NNE 8
5	5.1	N 5	NW 6	NW 0	NW 0	NW 0	NW 0	NW 0	N 6	NNE 7	NNW 7	NNE 9	NNE 7
6	2.7	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 1	NE 0	NNW 2	W 2
7	2.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	S 1	SSW 4	SSW 4
8	3.5	SSE 3	SSE 0	SSE 0	SSE 0	SSE 2	SSE 1	SSE 0	SSE 0	SSE 0	SW 4	NW 2	NW 6
9	3.2	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	W 3	S 3	
10	5.7	SE 7	SE 7	SE 0	SE 4	SE 0	SE 0	SE 0	SE 0	SE 1	SSE 1	SW 2	WNW 4
11	7.2	NNW 1	NNW 0	NNW 1	NNW 5	WNW 6	WNW 1	NW 6	NNW 8	NNW 7	NNW 7	NNW 4	NW 5
12	8.9	NNE 15	NE 7	N 7	NE 6	NNE 3	N 6	WNW 7	NNE 4	NNE 10	NE 10	NNE 12	NNE 11
13	4.9	NW 3	WNW 8	WNW 2	WNW 1	WNW 0	WNW 0	WNW 0	WNW 1	WNW 1	WNW 4	W 2	SW 6
14	3.9	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	NE 3	NNE 5	NNE 5
15	6.9	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	SE 3	S 2	WSW 3
16	8.5	NE 17	ESE 5	ENE 2	NE 10	NE 3	NNE 0	NNE 0	NNE 4	N 7	NE 11	E 10	SSW 7
17	4.6	NE 0	NE 0	NE 0	NE 0	NE 0	ENE 0	ENE 0	ENE 1	NNE 0	NW 2	WNW 5	WNW 9
18	29.4	SSW 22	WSW 27	WSW 18	WSW 22	WSW 24	WSW 26	WSW 21	WSW 29	WSW 37	WSW 37	ENE 44	WNW 29
19	17.1	W 9	WSW 16	WSW 17	WSW 9	WSW 13	WSW 18	WSW 18	WSW 17	WSW 19	WSW 23	ENE 37	WNW 26
20	7.9	SSE 7	S 9	SSE 13	SSE 3	SW 4	WSW 3	SSW 1	SSW 2	WSW 7	W 16	WSW 19	WSW 15
21	7.6	NW 10	NW 7	NW 8	NW 7	NW 8	NW 7	NW 4	NW 1	W 2	WSW 3	SW 3	SSW 4
22	8.8	SSE 8	SSE 4	SSE 0	W 4	W 2	NW 13	WNW 27	WNW 14	WNW 4	WSW 5	SSW 7	SSW 7
23	3.4	NW 10	NW 7	NW 0	NW 0	NW 4	NW 1	NW 0	NW 0	NW 0	NW 1	NW 2	W 7
24	12.2	SSE 8	SE 6	SE 0	SE 4	SE 0	SE 3	SE 11	SE 5	SE 1	SE 4	NE 13	NW 25
25	12.2	WSW 20	WSW 17	WSW 17	WSW 19	WSW 21	WSW 18	WSW 13	WSW 17	WSW 14	W 13	W 16	WNW 10
26	2.3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 2	SSE 0	SSE 0	SSE 5	W 9	NNW 12	NW 11
27	12.5	SSE 1	SSE 0	SSE 3	SSE 5	SSE 9	SSE 5	SSE 3	SSE 1	SW 1	SSW 2	SW 5	WSW 18
28	14.8	WSW 4	SW 5	WSW 5	WNW 9	W 10	WSW 14	WSW 13	WSW 15	W 16	W 19	WSW 32	WSW 32
29	4.3	NNW 1	ENE 2	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	E 3	S 5	SE 3
30	14.7	SSE 9	SW 12	WSW 24	SSW 19	WSW 22	W 27	WNW 34	WNW 36	WNW 23	WNW 20	SW 16	WNW 16
31	6.2	NNW 2	NNW 1	NW 9	NW 2	N 2	ENE 2	NNE 4	NE 3	NNE 2	NNW 5	NNW 3	NNW 4

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Juli. Zürich.

Tag	12^{80}–13^{80}	13^{80}–14^{80}	14^{80}–15^{80}	15^{80}–16^{80}	16^{80}–17^{80}	17^{80}–18^{80}	18^{80}–19^{80}	19^{80}–20^{80}	20^{80}–21^{80}	21^{80}–22^{80}	22^{80}–23^{80}	23^{80}–0^{80}	Summe
1	WNW 17	WNW 17	WNW 21	WNW 22	WNW 19	WNW 21	WNW 18	NW 12	NNE 14	NNE 2	NE 5	NE 6	240
2	WNW 15	NNW 20	WNW 12	WNW 9	WNW 3	WNW 0	WNW 3	WNW 4	WNW 4	WNW 1	WNW 2	WNW 4	120
3	WSW 10	SSW 8	SW 6	E 6	NE 4	N 7	N 1	NNW 1	NNW 2	NNW 0	NNW 1	NNW 0	88
4	NE 7	NE 8	NE 6	NE 8	NE 7	NE 8	NE 7	NE 10	NE 9	NE 8	NE 13	ENE 5	126
5	NNE 12	NE 11	NE 12	NNE 14	NNE 12	NNE 9	NE 8	ENE 12	ENE 19	ENE 23	ENE 19	NE 15	199
6	NE 15	NE 12	NE 13	NE 10	NNE 11	ENE 8	ENE 7	NE 14	NE 19	ENE 12	N 4	NW 2	195
7	NW 7	NNW 6	NNW 6	NNW 6	N 9	N 5	N 5	N 10	NNE 5	NE 0	NE 0	NE 0	76
8	NNW 6	NW 9	NE 7	NE 6	ENE 7	NNE 7	NNE 6	NNE 6	NNE 1	NNE 0	NNE 0	NNE 0	68
9	ENE 17	ENE 18	ENE 15	NE 14	ENE 16	ENE 14	NE 11	NE 10	NE 13	NNE 4	NNE 2	NW 7	198
10	N 5	N 10	N 8	NE 9	NNE 9	ENE 10	E 8	E 11	ENE 8	ENE 2	ENE 6	NNE 2	121
11	N 12	NE 13	NE 14	NNE 9	ENE 11	ENE 11	NE 10	ENE 15	ENE 13	ENE 13	NE 6	NNW 7	170
12	NNW 6	NNW 7	N 8	ENE 9	NNE 5	NE 9	ENE 13	ENE 7	ENE 16	ENE 0	ESE 2	SSE 0	111
13	W 19	SW 16	S 17	S 17	S 16	S 13	S 8	ESE 4	ESE 1	ESE 9	SE 7	ESE 4	180
14	S 9	S 7	SSW 5	SSW 4	SSW 4	SSW 2	SSW 0	SSE 2	ESE 7	ESE 3	ESE 2	ESE 6	97
15	WSW 14	WSW 13	WSW 7	S 10	S 21	SSE 21	S 25	WSW 24	WNW 17	NW 10	E 7	SE 12	266
16	W 12	WNW 11	NW 16	NW 23	NW 21	WNW 18	WNW 4	NW 1	NW 3	NW 4	NW 0	NW 0	213
17	WNW 12	W 13	W 13	WSW 17	WNW 27	NW 18	WNW 17	WNW 15	WNW 14	WNW 1	SW 7	SSE 13	194
18	NNW 2	WNW 1	S 4	SSE 11	SSE 6	SW 10	SSE 8	SSE 7	SSE 6	SSE 7	SSE 5	SSE 5	130
19	N 8	E 6	S 9	SE 7	SSW 9	WNW 10	ENE 15	E 7	ESE 0	ESE 2	ESE 4	ESE 2	118
20	WNW 13	WNW 12	WNW 13	WNW 11	WNW 10	WNW 11	WNW 8	WNW 4	NNW 9	NW 18	NNW 11	ENE 3	154
21	NNE 12	NE 14	NE 12	NNE 9	ENE 11	E 8	E 4	E 0	NNE 3	NNW 1	NNW 0	NE 1	123
22	S 14	WNW 9	E 13	SE 10	E 18	SSW 11	NE 6	ESE 1	ESE 3	ESE 3	ESE 0	ESE 0	119
23	NW 5	WNW 9	W 10	W 8	W 7	W 10	W 6	W 1	NW 2	NNW 0	NNE 4	ESE 10	83
24	WSW 27	WSW 25	WSW 24	NW 13	E 7	S 7	SSE 7	SSE 6	SSE 9	SSE 5	SSE 7	SSE 2	231
25	SSW 8	WSW 17	WNW 17	WNW 20	WNW 21	WNW 24	WNW 17	NW 12	NW 4	NW 0	WSW 13	WSW 12	223
26	WNW 26	WNW 26	WNW 31	WNW 24	W 28	W 29	W 18	WNW 23	WNW 18	WNW 21	WNW 19	WNW 19	595
27	WNW 12	WNW 12	NW 14	NW 14	WNW 17	WNW 18	WNW 9	WNW 7	NW 8	N 10	NNE 11	NNE 8	353
28	NNW 6	NW 7	NW 6	W 7	WSW 4	SSW 7	S 2	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	79
29	WNW 13	WNW 19	WNW 30	WNW 30	WNW 13	WNW 5	W 2	WSW 1	S 5	S 6	S 3	SSE 5	192
30	WNW 29	WNW 27	WNW 21	WNW 16	WNW 23	WNW 29	WNW 24	WNW 8	SSW 5	SW 14	SW 16	SW 18	412
31	W 22	WNW 21	WNW 9	NW 7	WNW 17	NW 18	NW 8	NNE 3	SW 10	NNW 16	E 10	W 11	349

August.

1	WSW 34	W 29	WNW 27	WNW 30	WNW 27	WNW 23	NW 14	NW 7	NNE 2	ESE 3	ESE 6	ESE 4	448
2	SSW 7	SSW 6	ENE 4	NNW 4	NNW 3	SSW 7	SSW 1	S 4	SE 8	SE 2	SE 6	SE 3	96
3	SW 8	SW 8	W 8	W 3	NNW 8	NNW 9	NW 14	NW 14	NW 5	WNW 5	WNW 8	WNW 1	181
4	N 9	NNW 11	N 6	NE 7	NE 5	NE 6	NE 6	NE 8	NE 10	NE 0	NE 0	NE 1	124
5	NE 10	NE 10	NE 7	ENE 11	ENE 5	NE 6	NE 5	NE 11	NE 10	NE 0	NE 0	NE 0	122
6	NW 6	E 4	SSW 7	SSW 7	SSW 4	SW 5	SW 7	S 4	SSE 4	SSE 4	SSE 4	SSE 3	64
7	SSW 4	SW 4	SSW 6	SW 3	SSW 6	S 6	S 2	SSW 0	SSW 0	SSW 3	S 3	SSE 5	51
8	NW 10	WNW 7	W 7	WNW 6	WNW 10	WNW 14	NW 8	NW 1	NNW 2	N 2	N 0	N 0	85
9	SSW 7	SSW 5	W 5	W 5	SSW 7	S 8	S 6	S 4	S 6	S 6	SE 7	SE 6	78
10	WNW 10	W 10	W 15	W 18	W 19	W 12	W 9	WNW 2	NNW 7	NNW 7	NNW 0	NNW 1	136
11	N 5	NNW 7	NW 15	NW 13	NNE 7	NNE 4	WNW 8	NW 10	N 12	NE 19	NNE 13	NNE 9	173
12	ENE 13	ENE 11	ENE 11	NE 12	ENE 10	ENE 8	E 12	ENE 13	NE 13	NE 7	NE 4	N 1	213
13	WSW 8	NW 10	WNW 6	WNW 12	WNW 16	WNW 15	WNW 6	NNW 6	NNW 5	N 3	N 2	E 0	117
14	NE 6	NE 8	NE 6	NE 8	ENE 7	ENE 3	ENE 7	ENE 15	ENE 13	E 5	ENE 3	ENE 0	94
15	WSW 13	WSW 11	WNW 20	WNW 13	SW 5	SSE 16	SE 17	SSE 11	S 8	E 3	NE 17	NE 23	165
16	SSW 11	WSW 13	WNW 19	WNW 18	WNW 16	W 12	W 7	NNW 12	NNE 16	NNE 1	NE 2	NE 0	203
17	W 10	WSW 8	WNW 9	WNW 12	W 6	SSW 4	WSW 6	WNW 7	NW 2	SW 5	SSE 11	SSE 14	111
18	W 32	WNW 37	WNW 36	W 29	W 34	WSW 22	WSW 28	WSW 35	WSW 23	WSW 37	WNW 38	WNW 18	705
19	WNW 31	WNW 30	WNW 30	WNW 27	WNW 12	WNW 20	WNW 7	W 3	WSW 4	SSE 8	SSE 7	SSE 10	411
20	W 24	W 25	WNW 19	NW 14	NW 5	NW 0	NW 1	NW 0	NW 0	NW 1	NW 0	NW 2	190
21	WSW 3	WSW 4	SW 5	SSW 10	SSW 8	S 9	S 9	S 12	S 12	SSE 16	SSE 18	SSE 13	183
22	SSW 10	SSW 14	SSW 15	S 9	SW 9	NW 15	NW 9	NW 11	NW 4	NW 5	NW 8	NW 7	211
23	WSW 7	WSW 5	S 4	SSW 8	SSW 7	SSW 1	SSW 0	SSW 0	SSW 0	S 2	SSE 5	SSE 10	81
24	WNW 42	WNW 27	WNW 16	SSW 24	S 22	SE 3	SSW 7	SSW 4	SW 13	WSW 15	WSW 22	WSW 17	292
25	WSW 8	WSW 11	WSW 16	WSW 13	SSW 13	S 11	S 10	SSE 8	SSE 5	SSE 2	SSE 2	SSE 0	294
26	NNE 2	NNW 5	W 3	W 4	W 2	W 0	W 1	W 0	W 0	W 0	W 0	SW 0	56
27	WSW 19	WSW 37	WNW 31	WNW 42	NW 39	NNW 15	WNW 10	WNW 6	W 18	W 18	SSW 6	S 7	301
28	W 36	WNW 25	WNW 24	WNW 25	WNW 19	WNW 17	NW 16	N 7	NNW 1	NNW 3	NNW 7	NNW 0	354
29	SW 4	SW 4	SW 7	SSW 6	SSW 4	SSW 9	SSW 7	S 6	SE 8	SE 11	SE 11	SSE 12	103
30	WNW 7	WNW 7	WNW 15	WNW 18	WNW 14	WNW 4	NNW 10	N 6	NNW 3	NNW 0	NNW 0	NNW 0	352
31	ENE 6	NNE 7	NE 1	NE 3	E 6	N 3	NNE 10	NNE 10	N 9	NE 19	N 19	WNW 17	149

September 1923. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	11.8	WNW 7	WSW 7	WSW 21	WSW 24	WSW 26	W 21	W 12	WSW 9	WSW 11	WSW 8	SSW 6	S 9
2	6.0	SSE 8	SSE 9	SSE 5	SSE 7	SSE 5	SSE 1	SSE 1	SSE 4	WNW 5	NW 8	N 8	N 10
3	6.1	NNW 9	WNW 5	SSW 5	SE 17	NNW 8	WNW 5	S 2	SE 1	SE 1	E 1	NNE 7	ENE 6
4	4.9	WNW 8	WNW 6	WNW 4	NNW 4	NNW 5	NNW 7	NNW 3	NNW 5	NNW 6	NNW 7	N 1	NW 4
5	4.5	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 2	SW 2	W 7	WNW 13
6	2.6	NW 0	NW 0	NW 0	NW 0	NW 0	NW 4	NW 0	NW 0	N 3	ENE 2	NNW 8	NW 6
7	3.1	WNW 7	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	N 4	ENE 6	NNE 8	NE 8
8	5.5	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NW 9	NW 9
9	2.8	NE 2	N 8	NNE 5	N 5	N 0	N 0	N 0	NW 3	WNW 1	NNW 4	ENE 1	S 2
10	2.2	SSW 0	SSW 0	SSW 0	SSE 3	ESE 1	ESE 0	ESE 3	ESE 0	ESE 0	ESE 0	S 1	WSW 9
11	5.9	SE 0	SE 3	SE 6	SE 0	SE 0	SE 4	SE 3	SE 5	SE 0	S 7	SSW 10	SW 9
12	5.8	SE 7	SE 5	SE 7	SE 2	SE 0	SE 1	SE 4	SE 6	SE 0	SE 1	SSW 3	SSW 4
13	3.9	SE 5	SE 1	SE 0	SE 6	SE 7	SE 0	SE 0	SE 0	SSE 0	ESE 3	SSE 3	E 6
14	4.7	ESE 2	ESE 5	ESE 6	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSW 0	SSW 2	WNW 2
15	7.0	SE 0	SE 5	SE 0	ENE 4	N 2	E 4	S 5	S 2	SSW 1	W 10	WNW 12	W 12
16	5.3	S 3	S 3	SSE 5	SE 4	SE 4	SE 0	SE 0	SE 0	SE 0	W 6	NNW 11	NNW 10
17	4.6	NNW 3	NNW 0	N 1	ENE 0	ENE 0	ENE 0	NNE 4	E 4	E 0	E 6	NE 6	NE 7
18	10.1	WNW 4	NW 18	NW 19	WNW 14	WNW 12	WNW 3	NNW 4	NW 4	E 6	ESE 8	SSE 11	SSE 11
19	11.8	S 6	WNW 9	NW 3	NW 12	NW 6	W 5	WSW 10	WSW 10	WSW 14	WSW 16	WSW 18	WSW 21
20	21.7	SSE 8	SSE 8	SSE 11	SSE 9	SSW 10	WSW 15	SW 21	WSW 26	WSW 29	WSW 30	WSW 37	WSW 20
21	22.3	SW 28	WSW 26	WSW 23	SW 24	SSW 20	S 15	S 18	S 15	SSE 17	S 14	SSW 17	WSW 32
22	10.8	WSW 22	WSW 16	WSW 11	SW 9	SW 9	SSW 13	SW 12	WSW 17	WSW 13	WSW 10	WSW 13	WSW 17
23	14.8	SSE 1	SSE 8	SSE 4	SSE 7	S 20	SSW 20	SSE 8	S 3	SSW 3	W 33	W 21	WSW 9
24	16.9	WSW 23	WSW 22	WSW 25	WSW 26	WSW 21	WSW 18	WSW 16	WSW 21	WSW 20	WSW 28	WSW 36	WSW 35
25	4.7	E 0	E 0	E 0	E 0	ENE 0	NNW 3	NW 0	NW 0	NW 0	NW 2	WSW 4	SSW 5
26	7.3	SW 3	WNW 3	NNW 1	NNW 0	NNW 4	W 4	SSW 4	SSW 2	WSW 5	NW 10	WNW 15	WNW 19
27	2.8	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 2	WNW 1	NE 8	NE 14
28	2.5	E 0	E 0	E 0	E 0	E 0	E 0	NE 2	NNE 1	NNE 0	NNE 0	NW 7	WNW 5
29	1.6	SE 4	SE 0	SE 3	SE 0	SE 0	SE 0	SE 0	SE 1	ESE 0	ESE 2	SE 1	S 2
30	1.3	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 1	SW 0	SW 3	SW 1

Oktober.

1	3.3	ESE 0	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 5	ESE 3	ESE 1	ESE 0	ESE 0	SSE 3
2	4.7	WNW 6	WNW 7	WNW 9	WNW 9	WNW 4	WNW 0	WNW 1	WNW 0	WNW 1	WNW 3	NW 8	NNW 11
3	11.1	NW 6	W 8	S 3	S 0	S 1	S 0	SSW 11	W 18	WNW 16	WNW 8	WNW 13	WNW 8
4	18.5	W 21	NW 29	WSW 22	WSW 35	WSW 26	WSW 18	WSW 33	WSW 42	WSW 32	WSW 19	W 15	W 18
5	12.7	WNW 11	WNW 10	WNW 6	WNW 11	W 12	W 16	WSW 18	WSW 14	WSW 11	WSW 15	WSW 22	W 21
6	2.6	SW 2	SW 2	SSW 5	SSW 3	SSW 1	SSW 0	SSW 0	SSW 0	SSW 1	SSW 0	SSW 1	WSW 0
7	10.3	SW 10	WSW 9	SW 12	SW 12	SW 16	SSW 12	SSW 6	WSW 8	SW 9	SW 8	W 10	WNW 11
8	16.6	WSW 9	WSW 14	WSW 16	WSW 22	WSW 19	WSW 24	SW 22	SW 24	WSW 20	WSW 19	WSW 33	WSW 33
9	21.2	WSW 14	WSW 6	S 6	S 3	WSW 20	WSW 13	W 20	SSW 13	SSW 12	WSW 19	SW 23	SW 21
10	23.3	WSW 36	WSW 39	WSW 27	WSW 25	WSW 28	WSW 33	WSW 25	WSW 22	WSW 24	WSW 22	WSW 29	WSW 30
11	16.5	WSW 11	WSW 14	WSW 14	WSW 18	W 17	W 19	WNW 23	WNW 21	WNW 25	WNW 23	W 29	W 23
12	10.3	NW 8	NW 1	WSW 3	SSE 8	SSE 10	SSE 11	SSE 9	SSE 1	SSE 0	SSE 1	SSW 1	S 6
13	11.8	SSW 15	SSW 3	S 20	SSE 13	ENE 12	NW 11	N 2	N 4	S 9	WSW 5	WSW 20	SW 36
14	3.9	NW 9	NW 6	WNW 3	SSW 3	SSW 6	SSW 2	SW 0	SW 3	SSW 0	S 2	NE 3	NNW 1
15	3.2	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 1	S 0	SSW 2	WNW 35	WNW 7
16	2.6	ESE 0	ESE 0	ESE 0	E 2	NE 4	NNE 0	NNE 0	NNE 0	N 2	NNW 7	NNW 5	WNW 2
17	2.6	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NW 3	WNW 7	NW 7
18	2.2	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 2	ESE 5	ESE 7
19	3.2	ESE 3	SSE 2	SSE 1	SSE 0	SSE 5	SSE 13	SSE 13	SE 12	SE 5	SE 0	SE 0	SE 0
20	7.0	E 5	ESE 4	ESE 5	ESE 8	SE 7	SSE 10	SSE 8	SE 5	SW 7	WSW 16	SSW 17	S 15
21	13.3	S 7	S 3	S 1	SSW 8	SSE 10	SSW 10	S 17	WSW 27	SW 15	S 4	S 14	WSW 32
22	27.3	WNW 18	WSW 31	WSW 43	WSW 43	SW 31	SSW 17	WSW 36	WSW 27	WSW 30	WSW 22	W 25	W 26
23	9.0	WNW 15	WNW 8	NW 5	NW 1	WSW 5	WNW 11	WSW 10	SW 20	SW 16	SSW 13	S 17	S 17
24	17.2	SSE 5	SSE 6	SSE 3	ESE 5	NE 5	W 25	SW 22	SSW 10	WSW 30	WSW 30	WSW 19	WSW 15
25	21.3	SW 28	WSW 42	WSW 36	WSW 28	WSW 37	WSW 32	WSW 28	WSW 48	WSW 26	WNW 16	W 26	WSW 29
26	6.6	NNW 2	NNW 1	NNW 0	NNW 0	NNW 2	NNW 0	NNW 0	NNW 0	WNW 0	W 1	WNW 2	WNW 14
27	3.1	S 0	S 0	SW 0	W 0	W 0	W 0	W 2	WNW 0	WNW 1	WNW 6	NW 6	NW 5
28	5.0	SSE 0	SSE 0	SSE 0	SE 2	ESE 1	ESE 0	ENE 1	NNW 0	NNW 1	NNE 1	NNE 2	NNW 13
29	4.3	NNW 5	NNW 0	NW 11	NW 12	NW 8	NW 8	NW 10	WNW 8	SW 4	S 4	S 1	S 4
30	1.9	N 0	N 0	N 0	N 0	N 0	N 0	N 3	N 0	N 1	N 0	N 1	N 0
31	1.0	ENE 1	ENE 1	ENE 0	ENE 1	ENE 1	ENE 0	ENE 1	ENE 1	ENE 1	ENE 0	ENE 0	ENE 4

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). September. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	S 11	S 13	S 18	SSE 21	SSE 15	SSE 12	SSE 11	SSE 8	SSE 0	SW 3	WNW 4	SW 6	284
2	NNE 7	N 7	NNE 7	NE 5	NNE 5	NNE 6	NE 10	ENE 5	ENE 1	ENE 2	NNE 7	N 10	143
3	NE 6	SE 4	SSW 9	S 11	S 10	WNW 12	ENE 7	ENE 2	ENE 0	N 5	NW 5	WNW 8	146
4	W 4	WNW 11	NW 4	NE 7	ENE 13	ESE 5	SSE 2	SSE 5	SSE 3	SSE 2	SSE 1	SSE 0	117
5	WNW 11	WNW 16	WNW 17	WNW 18	NW 10	NW 2	NW 1	NW 2	NW 4	NW 0	NW 0	NW 0	107
6	NW 7	NNW 7	NNW 4	NW 5	NNW 2	NNW 0	NW 1	W 0	NNW 5	NNW 0	NNW 2	NW 6	62
7	NE 8	E 6	N 7	N 5	ENE 4	ENE 0	NNE 2	NW 0	NW 5	NW 0	NW 2	NW 0	74
8	NNW 5	NE 6	NE 3	ENE 7	NE 12	NNE 20	NNE 19	NE 14	ENE 16	ENE 5	NE 4	ENE 2	132
9	SW 3	WNW 2	SW 5	SSW 6	SSW 5	SSW 0	SSW 3	SSW 1	SSW 2	SSW 3	SSW 4	SSW 1	66
10	WSW 9	W 8	SW 8	SW 3	SW 0	SSW 1	SE 0	SE 4	SE 1	SE 0	SE 0	SE 2	53
11	SW 9	WSW 9	SW 9	SSW 9	SSW 10	S 5	S 0	S 7	SSE 8	SE 8	SE 10	SE 10	141
12	SSW 6	SSW 7	SSW 6	SSW 7	SSW 7	ENE 14	NE 11	E 14	SE 12	SE 11	SE 3	SE 1	139
13	S 6	ENE 13	E 11	NE 8	ENE 3	ENE 0	ENE 0	ENE 5	ENE 2	E 6	ESE 5	ESE 3	93
14	WNW 4	ENE 8	SE 7	S 11	S 10	SSE 10	SE 11	SE 10	SE 6	SE 9	SE 6	SE 3	113
15	W 16	W 19	W 16	WNW 9	NW 4	WNW 7	SW 6	SSW 8	S 4	S 7	S 7	S 7	167
16	S 6	ENE 4	NW 4	NNW 7	NW 10	WNW 12	WNW 14	WNW 15	NNW 8	NNW 1	NNE 1	ENE 0	128
17	NNE 11	NNE 9	NNE 9	NE 8	ENE 11	ENE 10	ENE 6	ENE 7	E 4	E 1	E 1	NNE 3	111
18	SSE 13	WNW 6	SW 8	S 12	SSW 11	NW 12	W 18	WSW 18	WSW 11	W 10	SSW 4	SSE 5	242
19	WSW 19	WSW 20	WSW 18	WSW 23	NW 12	W 14	N 14	N 5	ESE 5	SE 9	SE 7	SSE 8	284
20	WSW 31	WSW 34	WSW 20	WSW 13	WSW 22	WSW 37	WSW 35	WSW 25	SW 21	WSW 19	SW 15	SW 26	522
21	WSW 27	SSW 17	WSW 26	WSW 31	WSW 38	WSW 18	WSW 12	WSW 25	WSW 28	WSW 23	WSW 21	WSW 19	534
22	WSW 16	SSW 14	SSW 13	SSW 11	SW 11	SW 2	SSW 0	S 6	SSE 10	SSE 9	SSE 5	SSE 1	260
23	NW 37	NW 27	NW 31	WNW 13	NW 0	WSW 6	SSE 10	S 14	SSW 23	SSW 17	SW 17	SW 23	355
24	WSW 26	WNW 20	NW 13	WNW 14	NW 12	NW 7	NNW 7	NNW 6	NNW 1	ENE 2	E 6	E 0	405
25	WSW 8	W 17	WSW 9	SSW 5	S 5	SSW 10	WSW 11	SE 9	SSE 8	SSE 11	SSE 2	SW 3	112
26	WNW 20	WNW 14	WNW 16	WNW 15	WNW 16	WNW 14	WNW 2	WNW 1	WNW 0	WNW 4	WNW 1	WNW 2	175
27	NE 16	NE 17	ENE 15	ENE 7	ENE 3	ENE 0	E 1	ENE 4	E 0	E 3	E 0	E 0	92
28	W 4	W 1	W 2	SW 0	SSW 4	SSW 0	SSW 0	SSW 5	SSE 8	SSE 9	SSE 8	SSE 3	59
29	NNW 7	NNW 7	NNW 5	NW 3	SW 2	SW 1	SW 0	SW 1	SW 0	SW 0	SW 0	SW 0	39
30	WNW 4	NNW 4	NNE 6	NNE 5	NNE 1	NNE 0	ESE 4	ESE 3	ESE 0	ESE 0	ESE 0	ESE 0	32

Oktober.

1	SSW 1	SSW 1	WSW 11	WNW 14	WNW 4	WNW 0	WNW 2	WNW 2	WNW 4	WSW 8	WSW 10	W 8	78
2	NNW 10	NW 6	W 6	SW 10	SW 5	NW 3	NNW 3	NW 7	NW 3	NW 0	NW 0	NW 0	112
3	NW 5	SSW 7	SSE 14	S 17	S 15	S 12	SSW 15	W 15	W 19	WSW 15	SW 19	SW 22	267
4	W 23	WSW 21	WSW 15	WSW 10	WSW 15	WSW 15	S 3	SE 7	ESE 5	SSW 6	WNW 7	NW 8	445
5	WSW 17	WSW 15	WSW 18	WSW 21	WSW 15	WSW 11	WSW 11	WSW 9	SSW 6	SSW 6	SSW 6	SW 3	305
6	SSW 3	SSW 4	SW 1	W 8	W 12	W 8	SSW 5	SSW 3	S 0	SSE 1	SSE 1	S 2	63
7	WNW 8	WNW 12	WSW 14	WSW 9	SSW 9	SSW 12	SSW 11	WSW 11	SW 11	WSW 12	WSW 10	W 5	247
8	WSW 30	WSW 23	WSW 11	WSW 5	WNW 8	SW 19	SW 10	SSW 7	S 5	E 6	NW 6	WNW 14	399
9	WSW 16	WSW 23	SW 25	SW 23	WSW 32	WSW 27	WSW 23	WSW 26	WSW 25	WSW 35	WSW 47	WSW 38	510
10	WSW 27	WSW 25	W 19	W 18	W 15	NW 14	WNW 17	W 18	W 19	W 20	WNW 17	W 10	559
11	W 26	WNW 21	WNW 22	WNW 24	WNW 18	NW 13	NW 16	WNW 12	WSW 3	WSW 0	WSW 0	SW 4	396
12	SSW 7	S 12	S 13	S 14	S 13	S 17	S 11	SSE 12	SSE 12	SSE 8	SW 29	SW 39	246
13	WSW 33	WNW 36	WNW 23	NW 8	NNW 3	S 2	S 3	S 0	S 0	S 3	SW 7	NNW 6	284
14	NNW 1	W 3	SSW 7	S 9	S 10	S 7	S 7	S 6	S 4	S 0	S 2	S 0	94
15	WNW 10	WNW 12	WNW 11	WNW 8	WNW 4	NW 5	NNW 2	NNW 1	NE 4	ESE 4	ESE 0	ESE 0	76
16	W 4	NW 7	WNW 5	NW 10	NNW 7	NNW 1	NNW 2	NNW 4	NNW 0	NNW 0	NNW 0	NNW 0	62
17	NNW 7	NNW 8	NNE 5	E 7	E 1	E 8	ENE 5	NE 0	E 1	ESE 4	ESE 0	ESE 0	63
18	ESE 3	ESE 1	ESE 1	ESE 3	ESE 8	ESE 7	ESE 0	ESE 0	ESE 4	ESE 7	ESE 6	ESE 0	54
19	SE 2	SE 1	SSE 7	S 2	S 1	S 6	S 1	S 0	S 1	S 1	SE 1	SE 0	77
20	S 8	S 8	S 3	S 2	S 5	S 7	S 4	S 9	S 6	S 2	S 3	S 5	169
21	SSW 23	S 13	SSE 10	SSE 17	WNW 3	NNW 8	NNW 12	NNW 12	NNE 4	NE 17	NW 30	NW 22	319
22	W 31	W 21	W 18	WSW 24	SW 28	WSW 31	WSW 28	WSW 25	WSW 22	WSW 29	WSW 31	WSW 17	654
23	S 13	S 7	S 4	S 7	S 4	SSE 9	SSE 9	SSE 11	ESE 6	ENE 1	SE 1	SSE 5	215
24	WSW 45	WNW 32	NW 13	NW 9	WNW 9	WNW 10	SW 5	SSE 13	S 4	WSW 27	SW 33	SW 38	413
25	WSW 26	SW 26	SW 19	WSW 7	NW 6	NNW 10	NNE 4	S 9	WNW 11	NW 6	NW 6	NNW 5	511
26	NW 8	WNW 21	WNW 32	NW 24	NW 4	WSW 13	S 17	S 7	S 3	S 4	S 3	S 0	158
27	NW 13	NW 13	NW 2	WNW 3	SSW 7	SSE 9	SSE 5	SSE 0	SSE 0	SSE 1	SSE 0	SSE 1	74
28	NW 6	NW 12	W 11	WSW 11	W 19	WNW 13	NW 6	NNW 7	NNW 6	NNW 1	NNW 2	NNW 4	119
29	S 5	SSW 2	W 1	WNW 2	WNW 0	N 8	N 3	N 2	N 1	N 3	N 1	N 0	103
30	N 2	N 3	N 4	N 1	NE 10	ENE 8	ENE 2	ENE 0	ENE 0	ENE 2	ENE 3	ENE 5	45
31	ENE 0	ENE 0	ENE 0	ENE 1	ENE 4	ENE 0	ENE 0	ENE 0	ENE 4	ENE 2	ENE 0	ENE 1	23

November 1923. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	0.7	ENE 2	ENE 0	ENE 1	ENE 4	ENE 2	ENE 0	ENE 1	ENE 0	ENE 1	ENE 1	ENE 0	ENE 0
2	5.7	ENE 1	N 3	NNW 3	NNW 0	NNW 4	NNW 2	NNW 0	NNW 0	NNW 0	NNW 0	NNW 1	NNW 7
3	6.2	NNE 1	NNE 0	NNE 2	NNE 1	NNE 0	NNE 0	NNE 3	NNE 4	NNE 4	NNE 1	NNW 5	NW 8
4	14.6	WSW 8	WSW 14	WSW 11	WSW 14	WSW 9	WSW 22	WSW 20	SW 16	SSW 12	WSW 17	WSW 20	WSW 21
5	6.2	NNW 3	NNW 7	SE 6	SE 1	SE 8	SSE 9	SSE 10	SSE 9	S 3	SW 5	SSW 7	SSW 12
6	12.6	SSE 9	SSE 13	S 8	SSE 5	SSW 12	SW 24	SSE 6	SSE 8	WNW 10	NW 13	NNW 20	NNW 10
7	2.3	S 0	S 0	S 0	S 0	S 0	S 0	SW 2	W 8	WSW 6	WSW 2	W 3	WNW 1
8	5.7	N 3	NNW 4	NNW 3	NNW 2	NNW 5	NNW 4	NNW 5	NNW 3	NNW 7	NNW 6	N 10	N 8
9	7.5	N 0	N 0	N 2	N 5	N 0	N 1	N 0	N 0	NE 7	NNE 6	N 8	NE 13
10	20.0	NE 21	NE 23	NE 19	NE 14	N 7	NE 14	ENE 10	ENE 13	WNW 14	ENE 25	NE 19	ENE 30
11	5.4	ENE 19	NE 16	NE 22	NE 21	NE 17	NE 2	ENE 3	E 0	ENE 3	NE 1	NE 3	ENE 4
12	0.4	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 1	E 0	E 0	E 0
13	1.8	E 0	NE 3	NNW 2	NW 1	NNW 2	NNW 0	ENE 8	ESE 0	ESE 3	ESE 0	ENE 0	NNE 2
14	9.0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	S 2	SSE 7	SSE 1	SSE 3	SSE 0	WSW 3
15	13.3	WSW 18	WSW 22	W 10	WNW 5	WNW 10	WNW 15	WNW 8	WSW 7	SW 9	SW 15	SW 14	SW 16
16	22.7	S 11	SSW 21	SW 30	SW 29	WSW 23	WSW 28	WSW 26	WSW 38	WSW 33	WSW 38	WSW 40	WSW 35
17	21.2	S 10	S 9	S 9	S 6	S 7	S 3	S 4	SSE 11	SSE 13	SSW 20	SW 25	SW 22
18	20.1	WSW 10	WSW 13	WSW 21	WSW 18	WSW 18	WSW 10	WSW 11	WSW 12	WSW 14	WSW 15	WSW 22	WSW 17
19	18.3	WSW 28	WSW 23	WSW 25	WSW 21	WSW 24	WSW 23	SW 16	WSW 24	SW 25	SW 23	SW 22	SW 21
20	13 7	SSW 15	WSW 10	WNW 3	WNW 1	W 6	W 10	WNW 11	NW 3	WNW 16	W 14	W 16	WSW 17
21	5.4	WSW 26	WSW 20	SSW 11	S 6	S 5	SSW 4	S 3	S 3	S 11	S 13	S 10	WSW 4
22	1.4	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 1	NNW 5
23	2.4	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NW 1
24	0.9	N 9	N 4	N 0	NE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	NE 0	N 6	N 1
25	1.4	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0
26	2.5	N 10	NNW 6	NNW 8	NNW 4	NNW 1	NNW 1	NNW 1	NNE 4	ENE 0	ENE 0	ENE 2	ENE 1
27	2.7	NNW 0	NNW 7	NNW 2	NNW 1	NNE 0	NNE 0	NNE 0	NNE 0	N 0	NNW 1	NNW 0	NNW 1
28	8.3	ENE 2	NE 14	NNE 9	E 9	ENE 1	N 2	NNE 2	NNW 5	WNW 2	WNW 3	S 5	N 1
29	3.7	SSE 3	SSE 1	SE 0	SE 0	SE 3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	WSW 8	NW 6
30	4.7	WSW 8	WSW 12	SSW 7	S 4	SSE 12	SSE 4	SSE 9	SSE 6	SSE 0	SSE 0	SSE 0	SSE 0

Dezember.

1	5.8	NNE 8	NNE 5	NNE 6	NNE 8	NE 7	NE 7	NNE 4	NNE 6	NNE 6	NE 7	ENE 7	NE 8
2	1.7	N 0	N 0	N 1	N 1	N 1	N 0	N 0	N 0	N 0	N 0	N 0	N 0
3	4.5	SE 6	SSE 4	SSW 8	S 4	SSE 0	SSE 0	SSE 0	SSE 3	SSE 6	SSE 3	WSW 14	W 8
4	3.7	SSW 0	SSW 0	SW 2	WNW 3	NW 2	NW 0	NW 0	NW 0	NNW 0	NW 0	SE 2	SW 7
5	4.8	SSE 1	SE 0	SE 5	SE 2	ESE 2	ESE 9	SSW 11	S 17	SSE 10	SSW 7	S 18	S 11
6	1.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 3	SSE 0	SSE 0	SSE 1
7	1.4	NNE 1	NNE 2	NNE 0	NNE 0	NNE 0	NNE 0	NNE 1	NNE 4	NNE 0	NNE 0	NNE 5	NNE 1
8	1.3	NNE 0	NNE 0	NE 1	ENE 0	ESE 0	ESE 0	SE 4	SSE 4	SSE 6	SSE 5	SSE 6	SSE 1
9	2.5	SE 5	SE 0	ENE 10	N 4	NW 0	NW 8	NW 2	NW 1	NW 0	NW 0	NW 0	NW 0
10	6.7	NNE 1	NNE 1	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 6	NNE 3	ENE 6	ENE 22	NE 23
11	3.8	ENE 3	ENE 0	ENE 1	ENE 1	NE 1	ENE 0	ENE 3	NE 9	NE 0	NE 0	NE 6	NE 9
12	0.4	ENE 0	ENE 0	ENE 0	ENE 0	ENE 6	ENE 2	ENE 1	ENE 0	ENE 1	ENE 0	ENE 0	ENE 0
13	0.0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 0	NNW 0
14	0.0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NNW 0	NNE 0	NE 0	NE 0	NE 0
15	0.1	NE 0	NE 0	NE 0	ENE 0	SE 0	SSE 0	SSW 0	SSW 0	SSW 0	SSW 1	SSW 1	WSW 0
16	1.5	SW 0	SW 0	SW 0	SW 0	SW 0	WSW 0	W 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0
17	2.2	SW 17	SW 16	SSW 19	SSW 13	WSW 16	WSW 13	WSW 28	WSW 16	SW 8	WSW 3	WSW 6	WSW 14
18	10.5	S 0	S 0	S 0	S 0	S 0	S 0	S 0	SSW 3	SW 6	SW 19	WSW 13	WSW 12
19	15.4	WSW 21	WSW 15	WSW 32	WSW 21	W 20	WNW 18	WNW 14	WNW 18	WNW 20	WNW 20	WNW 26	WNW 22
20	0.7	WNW 8	WNW 1	WNW 4	WNW 0	WNW 0	WNW 0	WNW 0	W 0	WNW 0	W 1	W 2	WNW 2
21	5.6	WNW 0	WNW 0	WSW 1	WSW 1	WSW 0	W 0	W 0	W 2	W 5	W 11	W 10	W 14
22	12.8	NW 0	WNW 0	WNW 0	WNW 0	WNW 0	WSW 0	WSW 4	WSW 5	WSW 12	WSW 6	WSW 17	WSW 14
23	33.5	WSW 34	WSW 39	WSW 29	WSW 35	WSW 36	WSW 39	WSW 41	WSW 35	WSW 34	WSW 42	WSW 41	WSW 37
24	34.3	W 29	W 25	W 22	W 16	W 24	W 26	W 26	W 35	W 3	W 3	WSW 46	WSW 42
25	5.2	W 25	WNW 17	NW 10	NW 5	NNW 2	N 15	NE 9	NE 3	NE 13	NE 14	NNE 10	NE 3
26	30.9	SE 0	SE 0	SE 0	SSW 19	SW 20	SW 18	SW 39	SW 41	SW 39	SW 26	WSW 35	WSW 53
27	9.2	WSW 35	WSW 36	WNW 34	WNW 19	WNW 14	W 19	W 20	W 17	WNW 6	WNW 15	NW 2	N 1
28	27.2	N 0	WSW 14	WSW 10	SW 14	SW 20	WSW 30	WSW 24	SW 21	WSW 21	WSW 15	SW 47	SW 33
29	5.3	NW 21	NNW 23	NW 14	NW 7	NNW 1	N 3	NNE 0	NNE 0	N 0	NNW 0	NW 0	WSW 3
30	9.3	WNW 2	WNW 2	W 0	WNW 1	NW 0	NNW 2	NW 1	WSW 16	WSW 26	WSW 20	W 30	W 25
31	2.5	N 3	N 5	N 3	N 5	WNW 9	WNW 13	NW 9	NNW 5	NNW 0	NNW 0	N 4	NNW 1

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). November. Zürich.

Tag	12^{30}-13^{30}	13^{30}-14^{30}	14^{30}-15^{30}	15^{30}-16^{30}	16^{30}-17^{30}	17^{30}-18^{30}	18^{30}-19^{30}	19^{30}-20^{30}	20^{30}-21^{30}	21^{30}-22^{30}	22^{30}-23^{30}	23^{30}-0^{30}	Summe
1	ENE 2	ENE 0	ENE 0	ENE 0	ENE 0	ENE 1	ENE 1	ENE 1	ENE 0	ENE 1	ENE 0	ENE 0	18
2	NNW 9	NNW 11	NNW 6	NNW 3	NNW 2	NNW 4	NNW 8	NW 10	NW 11	NNW 17	NNE 22	NNE 13	137
3	WNW 6	WNW 13	W 7	W 3	W 8	SW 16	WSW 17	SSW 10	SSW 6	SSW 11	SSW 14	SSW 8	148
4	WSW 16	WSW 19	WSW 18	WSW 15	WSW 17	WNW 21	NW 16	NW 16	NW 16	NW 7	NW 15	NNW 1	351
5	SW 9	SW 10	WSW 10	SW 12	WNW 2	WNW 0	WNW 2	NW 4	NNW 1	NNW 2	E 8	SSE 9	149
6	WNW 14	SW 25	SW 20	SW 16	SW 17	SW 16	SSW 21	S 14	SSE 8	SSE 5	SSE 8	S 0	302
7	WNW 1	NW 4	NW 0	N 1	NNE 1	NW 4	NW 6	N 1	N 1	N 9	N 2	NNE 3	55
8	N 14	N 11	N 10	N 7	N 6	N 6	N 7	N 3	N 6	N 4	N 3	N 0	137
9	ENE 13	E 10	ENE 11	ENE 7	ENE 12	ENE 21	ENE 19	NE 16	E 7	SE 5	NNE 10	NNE 8	181
10	ENE 28	NE 35	NE 30	NE 24	NE 19	NE 24	NE 23	NE 25	NE 22	NNE 16	NE 10	NE 14	479
11	ENE 6	SE 2	ENE 4	ENE 0	E 2	ESE 1	ESE 0	ESE 1	E 1	E 1	E 0	E 1	130
12	E 1	E 2	E 1	E 0	E 0	E 2	E 1	E 0	E 1	E 0	E 1	E 0	10
13	E 3	SSW 1	S 0	SSE 3	SSE 2	SSE 8	SSE 3	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0	42
14	NNW 2	W 6	SSW 1	SSW 9	SW 18	WSW 19	WSW 27	WSW 21	WSW 19	WSW 24	WNW 31	WNW 23	217
15	SW 13	SW 18	WSW 18	WSW 9	WSW 7	S 11	S 9	S 12	S 16	SSW 12	SW 26	SSW 20	320
16	WSW 33	WSW 28	WSW 28	W 22	WNW 21	NW 20	NW 15	NW 12	NW 5	NW 0	WSW 3	S 6	545
17	WSW 12	SW 21	W 31	WSW 35	WSW 45	WSW 41	WSW 39	WSW 33	WSW 38	WNW 29	W 27	W 20	510
18	WSW 17	SW 15	S 17	S 15	SSW 9	WSW 20	WSW 26	WSW 34	WSW 42	WSW 37	WSW 36	WSW 34	483
19	W 28	WSW 31	WSW 15	WSW 18	WSW 18	WNW 10	NW 7	WNW 8	WSW 7	WSW 4	WSW 4	WSW 13	438
20	WSW 17	W 14	WSW 15	WSW 18	WSW 14	W 11	WSW 18	WSW 24	W 17	W 20	WSW 23	WSW 16	329
21	WNW 1	WNW 2	NW 5	N 1	N 2	NNE 1	NNE 0	NNE 1	ENE 1	ENE 0	ENE 0	ENE 0	130
22	NNW 6	NNW 9	NW 6	NW 4	NW 0	NW 1	NW 0	NW 0	NW 0	NW 1	NW 0	NW 0	33
23	NNE 3	NNE 5	NNW 3	N 7	ENE 5	ENE 6	ENE 13	ENE 3	E 0	NE 1	WSW 6	ENE 4	58
24	N 0	N 0	N 0	N 0	NE 0	E 0	E 0	E 0	E 0	E 0	E 0	NE 1	21
25	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 5	N 4	ENE 3	N 6	N 8	N 7	33
26	ENE 1	NE 4	NNW 4	NNW 6	N 0	NNW 5	NNW 3	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	61
27	NNW 1	NNW 0	N 1	WNW 0	NW 1	NNE 1	NNE 5	NE 11	NE 12	NE 12	NE 8	NE 1	65
28	NW 8	NW 8	WNW 15	NW 5	NW 0	WNW 12	WSW 25	SW 30	W 17	WSW 14	SSW 6	SSW 4	199
29	NW 1	NNW 1	E 3	SE 0	E 1	NW 14	WSW 16	NW 3	NE 2	SE 2	SSE 4	WSW 20	88
30	SE 3	SE 1	E 3	ENE 0	ENE 1	ENE 2	ENE 1	ENE 7	NE 7	NE 10	NNE 8	NNE 8	113

Dezember.

1	NNE 8	NNE 5	NE 4	NNE 3	NE 1	NE 4	NE 1	ENE 5	NE 6	NE 8	NNE 7	N 7	138
2	N 0	N 1	N 0	N 1	N 3	N 6	N 1	N 0	NE 3	ESE 4	ESE 10	SE 9	41
3	WSW 3	SSW 10	WSW 15	WSW 8	WNW 0	WSW 6	WSW 3	WNW 0	WSW 2	S 1	SSW 4	SSW 0	108
4	WSW 8	WSW 11	SSW 10	SSW 8	SSW 2	S 9	S 0	S 1	SSW 1	SSE 12	SSE 6	SSE 6	90
5	SSE 5	S 7	S 9	S 1	S 0	S 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	115
6	SSE 1	SSE 0	SSE 0	ESE 2	ENE 1	E 0	E 1	E 0	E 0	NE 6	NNE 8	NNE 3	26
7	NE 1	NE 4	NE 2	NE 3	NE 7	NE 0	NE 0	NNE 2	NNE 0	NNE 0	NNE 0	NNE 0	33
8	S 1	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	S 4	32
9	NW 0	NW 0	NW 0	NW 1	NW 0	NW 0	N 6	NNE 1	NNE 4	N 6	NNE 9	NNE 2	59
10	NE 12	NE 14	NE 14	NNE 12	NNE 6	NE 0	ENE 8	NE 13	NE 2	ENE 2	ENE 8	ENE 9	162
11	NE 7	ENE 9	ENE 8	ENE 8	ENE 8	ENE 10	ENE 7	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	90
12	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	10
13	NNW 0	NNW 0	NNW 0	NNW 0	NW 0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	1
14	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	0
15	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	2
16	NW 0	W 0	W 0	W 0	W 0	WSW 1	SSW 1	SSW 0	WSW 0	SW 7	SSW 10	SW 16	35
17	WSW 16	W 4	W 2	NW 3	NW 1	NW 0	NW 0	NW 0	SSW 1	S 0	S 0	S 0	196
18	WNW 5	WSW 15	WSW 20	WSW 10	WSW 11	WSW 18	WSW 19	WSW 21	WSW 24	WSW 21	WSW 15	WSW 21	253
19	WNW 16	WNW 23	WNW 16	W 13	W 10	W 10	W 11	WNW 1	WNW 1	WNW 7	WNW 6	WNW 9	370
20	W 0	SW 0	SSW 0	WSW 0	WNW 0	WNW 0	NW 0	NW 0	N 0	NNW 0	NNW 0	NNW 0	18
21	W 17	W 18	W 10	W 9	WNW 14	WNW 8	NW 10	NW 5	NW 0	NW 0	NW 0	NW 0	135
22	WSW 21	WSW 21	WSW 20	WSW 15	WSW 24	SW 24	SW 18	SW 12	SW 17	WSW 23	WSW 27	WSW 27	307
23	WSW 48	W 54	NW 13	WNW 15	WNW 14	WNW 34	WNW 29	WNW 39	WNW 32	W 29	W 25	W 31	805
24	WSW 30	WSW 34	WSW 33	WSW 32	SW 32	SW 23	SW 24	WSW 40	WSW 65	WSW 70	WSW 53	W 35	822
25	NE 0	E 0	ESE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	126
26	WSW 53	WSW 49	WSW 52	WSW 35	WSW 32	WSW 30	WSW 36	WSW 30	WSW 26	WSW 36	WSW 36	WSW 37	742
27	N 0	N 2	N 0	N 0	N 0	N 1	N 0	N 0	N 0	N 0	N 0	N 0	221
28	WSW 33	WSW 55	WSW 46	WSW 38	WSW 45	WSW 36	WSW 32	WSW 23	NW 23	NNW 28	WNW 17	WNW 27	652
29	SW 4	WSW 3	W 6	W 10	W 5	W 3	WNW 5	WNW 3	WNW 3	NNW 13	WNW 0	WNW 0	127
30	WSW 20	WSW 21	W 17	W 9	WNW 2	NW 1	WNW 0	WNW 0	NNW 0	NE 14	NNE 11	WNW 4	224
31	NNW 4	NNW 0	NNW 0	NW 0	N 0	ENE 0	NNE 0	N 0	N 0	N 0	N 0	N 0	61

1923. **Häufigkeit der 16 Windrichtungen** (in Stunden). Zürich.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	43	47	27	33	12	4	9	55	37	46	23	80	14	44	24	29	217	744
Februar	11	34	25	15	9	12	24	56	45	37	30	131	47	78	35	23	60	672
März	44	102	75	37	12	9	38	41	28	29	30	44	21	63	39	30	102	744
April	19	32	80	42	11	10	24	69	52	45	16	37	27	67	41	46	102	720
Mai	15	23	23	19	13	19	33	52	39	36	43	103	48	92	61	20	105	744
Juni	51	31	17	18	6	12	13	39	38	35	19	62	44	140	65	39	91	720
Juli	30	47	51	35	18	39	11	36	29	25	13	43	30	104	60	42	131	744
August	19	28	44	21	8	8	29	42	31	47	27	74	49	87	55	37	138	744
September	16	20	23	32	16	15	48	53	36	46	33	80	22	57	42	34	147	720
Oktober	16	5	6	22	7	26	10	37	75	44	43	127	45	72	49	33	127	744
November	40	28	39	47	20	3	9	29	28	25	33	105	21	31	36	55	171	720
Dezember	22	32	35	24	1	5	7	18	12	18	28	111	46	47	21	9	308	744
Summe	326	429	445	345	133	162	255	527	450	433	338	997	414	882	528	397	1699	8760
id. in %	3.7	4.9	5.1	3.9	1.5	1.9	2.9	6.0	5.1	5.0	3.9	11.4	4.7	10.1	6.0	4.5	19.4	100 %

Mittlere Windgeschwindigkeit (Meter in der Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	1.7	1.4	1.6	1.8	1.4	0.7	1.0	1.3	1.8	2.5	2.3	5.0	2.6	1.8	1.0	1.3	—
Februar	28 »	1.2	1.3	2.7	1.8	0.7	0.9	1.5	1.4	2.0	2.2	3.7	5.6	3.2	2.0	1.4	1.5	—
März	31 »	1.3	2.0	2.1	1.7	1.2	1.1	1.1	1.5	2.2	1.7	2.9	6.9	1.7	2.4	1.8	1.3	—
April	30 »	2.0	2.5	3.4	2.6	1.6	1.1	1.6	2.3	2.2	2.0	1.6	3.1	3.2	2.6	1.9	1.6	—
Mai	31 »	1.8	2.3	2.4	2.3	1.6	0.6	1.7	1.9	1.9	2.2	3.6	5.2	4.7	3.9	2.6	1.8	—
Juni	30 »	1.6	2.1	2.4	2.4	1.5	0.7	0.9	1.7	2.2	2.2	3.5	4.3	4.6	3.9	2.1	2.1	—
Juli	31 »	1.5	1.8	2.6	3.0	1.9	1.1	1.9	1.7	2.7	2.3	2.8	5.0	3.6	4.0	2.0	1.6	—
August	31 »	1.7	2.0	2.3	2.0	1.6	1.4	1.6	1.9	1.9	2.2	2.2	4.8	3.9	4.4	8.0	5.4	—
Septemb.	30 »	1.7	1.9	2.2	1.7	1.4	1.0	1.5	1.9	2.3	2.1	2.6	5.5	3.3	2.4	2.3	1.5	—
Oktober	31 »	0.7	0.9	2.0	0.8	1.2	1.2	1.2	2.1	1.9	2.0	4.6	6.2	4.4	3.1	2.5	1.4	—
Novemb.	30 »	1.4	1.4	3.9	1.8	0.8	0.3	1.0	1.8	2.3	2.9	5.0	5.5	3.9	2.9	2.0	1.2	—
Dezemb.	31 »	1.0	1.4	2.0	1.7	0.3	1.5	1.3	1.3	1.9	2.0	5.7	7.0	4.8	3.6	1.9	2.4	—
	Mittel	1.5	1.7	3.5	2.0	1.3	1.0	1.3	1.7	2.1	2.2	3.4	5.3	3.7	3.1	2.5	1.9	—

Monatsmittel der Windgeschwindigkeit (Meter in der Sekunde).

		1h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24h	Mittel
Jan.	31 Tage	1.4	1.5	1.7	1.7	1.5	1.6	1.8	1.5	1.4	1.7	1.6	1.7	2.0	1.9	1.9	1.8	1.6	1.5	1.3	1.2	1.3	1.2	1.3	1.5	1.5
Febr.	28 »	2.6	2.4	2.6	2.7	2.2	2.1	1.9	2.0	2.2	1.9	2.2	2.5	2.6	3.0	3.1	3.4	3.0	2.8	2.4	2.2	2.3	2.5	2.8	2.9	2.5
März	31 »	1.5	1.4	1.4	1.6	1.1	1.4	1.6	1.8	1.9	1.8	2.2	2.5	2.9	2.6	3.3	3.8	2.7	2.1	1.8	1.6	1.7	1.6	1.5	1.2	1.9
April	30 »	1.5	1.6	1.6	1.8	1.2	1.3	1.2	1.1	1.3	1.6	2.2	2.3	2.5	3.0	2.9	2.9	3.1	3.2	3.3	3.2	2.4	1.8	1.5	1.0	2.0
Mai	31 »	2.1	1.7	1.7	1.4	1.5	1.3	1.3	1.6	2.4	2.7	3.5	3.9	4.3	4.3	4.1	4.0	3.7	3.4	3.0	3.1	2.7	2.3	2.2	2.6	2.7
Juni	30 »	1.8	1.6	1.6	1.2	1.3	1.6	1.8	2.1	2.5	2.7	3.2	3.3	3.8	3.9	3.9	3.9	4.0	3.5	2.9	2.6	2.0	1.8	1.4	1.4	2.5
Juli	31 »	1.2	1.2	1.3	1.1	0.7	0.6	1.0	1.5	1.9	2.4	3.1	3.3	3.5	3.6	3.6	3.4	3.5	3.4	2.6	2.1	2.2	1.7	1.7	1.6	2.2
Aug.	31 »	1.7	1.7	1.4	1.4	1.4	1.5	1.7	1.7	1.9	2.4	3.0	3.0	3.6	3.6	3.6	3.7	3.2	2.7	2.3	2.1	2.0	1.9	2.0	1.7	2.3
Sept.	30 »	1.5	1.6	1.5	1.7	1.5	1.3	1.2	1.3	1.3	2.1	2.7	2.9	3.3	3.2	3.0	2.8	2.5	2.2	2.0	2.1	1.8	1.7	1.4	1.4	2.0
Okt.	31 »	2.2	2.2	2.3	2.4	2.6	2.5	2.9	3.0	2.7	2.4	3.3	3.7	3.7	3.6	3.1	2.9	2.6	2.8	2.2	2.1	1.7	2.1	2.5	2.3	2.7
Nov.	30 »	2.0	2.3	2.0	1.6	1.6	1.7	1.5	1.7	1.8	2.1	2.5	2.5	2.5	2.8	2.6	2.2	2.1	2.8	3.1	2.8	2.5	2.3	2.5	2.2	2.2
Dez.	31 »	2.0	1.8	1.9	1.6	1.6	2.0	2.2	2.4	2.8	2.3	3.3	3.1	2.8	3.2	2.7	2.1	1.9	2.0	1.9	1.8	1.9	2.6	2.3	2.2	2.2
Mittel d.	365 Tage	1.8	1.8	1.8	1.6	1.5	1.6	1.6	1.8	2.0	2.2	2.7	2.9	3.1	3.2	3.1	3.0	2.8	2.7	2.4	2.2	2.0	2.0	1.9	1.8	2.2

1923. **Weg in Kilometern.** Zürich.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	260	232	154	208	59	10	34	256	243	420	188	1432	131	282	87	131	4127
Februar	44	153	243	97	23	39	131	293	328	288	398	2655	534	571	172	120	6089
März	213	743	570	231	50	36	152	226	222	178	411	1088	127	547	250	138	5182
April	138	283	968	396	62	41	138	565	407	318	94	407	310	628	275	257	5287
Mai	99	187	200	195	75	38	207	360	269	287	559	1935	819	1302	568	127	7227
Juni	294	234	147	153	32	31	60	232	295	279	242	962	734	1986	483	292	6456
Juli	159	301	472	372	126	152	75	223	284	205	130	769	388	1490	429	248	5823
August	117	201	359	148	46	41	165	281	210	373	209	1280	685	1390	438	200	6143
September	95	138	187	197	80	56	257	366	297	354	304	1577	261	487	351	180	5187
Oktober	41	16	43	62	30	109	43	277	516	320	719	2823	709	817	445	170	7140
November	207	145	540	308	59	5	31	184	232	260	596	2086	298	326	265	240	5782
Dezember	80	159	246	146	1	27	33	83	83	129	570	2807	800	618	140	79	6001
Summe	1747	2792	4129	2513	643	585	1326	3346	3386	3411	4420	19821	5796	10444	3903	2182	70444
id. in %	2.5	4.0	5.9	3.6	0.9	0.8	1.9	4.8	4.8	4.8	6.3	28.1	8.2	14.8	5.5	3.1	100 %

Maximale Geschwindigkeit (Meter in der Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	3.3	4.2	4.2	4.4	3.6	1.1	3.1	3.6	4.7	7.5	6.9	11.4	7.5	5.8	3.1	2.8	—
Februar 28 »	3.1	3.1	5.6	4.4	1.9	1.4	3.3	3.9	4.7	6.1	10.0	13.9	9.4	8.1	4.7	3.6	—
März 31 »	4.2	4.7	6.9	3.9	2.5	2.8	3.3	3.6	3.6	5.3	12.2	12.2	4.2	9.4	4.4	3.9	—
April 30 »	3.6	4.4	7.2	5.6	3.3	2.5	3.3	4.2	4.7	4.4	5.3	7.5	8.9	8.6	5.3	3.3	—
Mai 31 »	6.1	3.9	4.4	5.6	3.3	1.7	3.3	6.7	6.7	4.4	8.9	12.8	12.5	12.2	8.9	3.6	—
Juni 30 »	5.6	5.0	5.3	5.3	2.5	1.9	3.1	4.4	5.3	4.7	6.9	9.2	9.4	11.1	7.8	5.0	—
Juli 31 »	3.3	3.9	6.1	6.4	5.0	2.8	3.3	5.8	6.9	5.3	5.0	9.2	8.1	8.6	6.4	4.4	—
August 31 »	5.3	4.4	6.4	4.2	3.3	1.9	4.7	5.0	6.1	6.7	6.7	10.3	12.2	11.7	10.8	4.2	—
Septemb. 30 »	3.9	5.6	4.7	4.4	3.9	2.2	4.7	5.8	5.6	6.4	7.8	10.6	9.2	5.6	10.3	3.1	—
Oktober 31 »	2.2	1.4	4.7	3.3	2.2	2.2	3.3	4.7	5.6	6.4	10.8	13.3	9.6	10.0	8.3	3.6	—
Novemb. 30 »	3.9	6.1	9.7	8.3	2.8	0.8	2.2	3.6	4.7	5.8	8.3	12.5	8.6	8.6	5.6	5.6	—
Dezemb. 31 »	4.2	3.3	6.4	6.1	0.3	2.8	2.5	3.3	5.0	5.3	13.1	**19.4**	15.0	10.8	6.4	7.8	—
Jahr	6.1	6.1	9.7	8.3	5.0	2.8	4.7	6.7	6.9	7.5	13.1	**19.4**	15.0	12.2	10.8	7.8	—

Monatsmittel der Windgeschwindigkeit (Kilometer in der Stunde).

	1 h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 h	Mittel
Januar 31 Tage	5.0	5.5	6.0	6.1	5.4	5.8	4.7	5.4	4.9	6.0	5.8	6.0	7.1	6.9	6.9	6.5	5.7	5.8	4.7	4.4	4.5	4.2	4.9	5.5	5.5
Febr. 28 »	9.3	8.8	9.8	9.7	7.9	7.6	7.0	7.4	7.9	6.9	8.1	8.9	9.4	10.8	11.1	12.2	10.9	10.0	8.5	7.9	8.1	9.0	10.0	10.6	9.1
März 31 »	5.4	5.0	5.1	5.6	3.9	4.9	5.9	6.8	6.8	6.5	7.9	9.0	10.8	9.5	11.9	11.8	9.8	7.5	6.5	5.9	6.8	5.6	5.8	4.5	7.0
April 30 »	5.8	5.6	5.9	4.8	4.2	4.6	4.8	4.0	4.8	5.9	7.9	8.1	8.9	10.8	10.4	10.5	11.2	11.4	11.7	11.6	8.7	6.5	5.5	3.6	7.8
Mai 31 »	7.6	6.2	6.1	5.0	5.8	4.5	4.8	5.8	8.5	9.8	12.5	14.1	15.4	15.6	14.7	14.5	13.8	12.1	10.9	11.1	9.6	8.4	8.1	9.2	9.7
Juni 30 »	6.4	5.9	5.9	4.8	4.7	5.9	6.5	7.6	9.0	9.5	11.4	12.1	13.5	13.9	14.0	14.0	14.4	12.7	10.4	9.5	7.8	6.6	4.9	4.9	9.0
Juli 31 »	4.4	4.4	4.5	3.8	2.7	2.8	3.7	5.4	6.6	8.5	11.1	11.9	12.6	13.0	12.9	12.8	12.7	12.2	9.2	7.7	8.0	6.8	6.0	5.8	7 8
Aug. 31 »	6.0	6.0	5.1	4.9	5.1	5.5	6.0	6.1	6.9	8.7	10.6	10.6	13.0	12.9	12.9	13.4	11.5	9.6	8.4	7.6	7.2	6.8	7.4	5.9	8.8
Sept. 30 »	5.8	5.6	5.5	5.9	5.8	4.8	4.4	4.7	4.8	7.5	9.8	10.6	11.9	11.5	10.9	10.0	8.9	7.9	7.8	7.6	6.5	6.0	4.9	5.1	7.2
Okt. 31 »	8.0	8.0	8.1	8.8	9.8	9.2	10.6	10.7	9.7	8.7	11.9	13.5	13.8	12.8	11.1	10.6	9.5	10.1	7.8	7.6	6.2	7.5	9.1	8.5	9.6
Nov. 30 »	7.2	8.2	7.1	5.7	5.9	6.0	5.4	6.0	6.5	7.4	8.9	8.9	8.9	10.2	9.4	8.0	7.7	9.9	11.1	10.1	8.9	8.8	9.1	7.8	8.0
Dez. 31 »	7.1	6.6	6.8	5.8	5.8	7.2	7.8	8.6	8.3	8.1	11.9	11.1	10.1	11.6	9.6	7.6	7.0	7.8	6.8	6.8	6.8	9.8	8.1	8.0	8.1
Mittel d. 365 Tage	6.4	6.8	6.8	5.9	5.5	5.7	5.9	6.5	7.1	7.8	9.8	10.4	11.2	11.6	11.8	10.9	10.2	9.7	8.6	8.1	7.8	7.0	6.9	6.6	8.0

Januar 1923. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	-8.8	-8.7	-9.0	-9.5	-9.6	-10.1	-10.5	-10.5	-10.3	-10.0	-10.0	-10.0	-10.0	-10.4	-11.0	-11.4	-11.7	-11.7	-11.8	-11.9	-11.9	-11.5	-10.7	-10.4	-10.48
2	-10.6	-10.6	-10.8	-10.8	-11.3	-11.7	-11.8	-11.6	-11.1	-10.5	-9.8	-9.5	-9.8	-9.7	-8.2	-10.8	-11.0	-10.9	-10.7	-10.6	-10.8	-10.7	-10.4	-10.6	-10.55
3	-10.8	-10.8	-10.7	-10.5	-9.7	-9.2	-9.0	-8.3	-7.0	-7.5	-7.5	-6.6	-6.4	-6.7	-7.0	-6.8	-6.5	-6.8	-7.4	-7.4	-7.3	-6.9	-8.1	-8.7	-8.06
4	-8.7	-8.7	-9.1	-9.4	-9.2	-8.9	-8.8	-8.8	-8.8	-8.8	-8.8	-8.7	-8.5	-8.8	-9.1	-9.4	-9.8	-9.9	-9.0	-8.5	-8.2	-8.0	-7.4	-6.8	-8.75
5	-6.9	-6.0	-7.5	-8.5	-8.1	-8.1	-8.2	-7.8	-7.1	-6.4	-6.1	-6.2	-6.2	-6.2	-6.3	-7.2	-7.1	-6.9	-7.2	-7.4	-7.4	-7.5	-7.6	-7.8	-7.15
6	-8.0	-8.0	-8.1	-7.9	-8.0	-8.3	-8.5	-7.8	-5.8	-5.6	-6.9	-7.2	-8.0	-8.3	-8.1	-9.0	-9.0	-8.8	-8.7	-9.4	-9.9	-10.1	-10.0	-10.0	-8.27
7	-9.5	-9.0	-9.7	-10.2	-10.7	-10.4	-10.4	-9.4	-8.9	-8.9	-9.0	-9.0	-9.0	-9.5	-9.6	-10.2	-10.3	-10.3	-10.2	-10.0	-9.8	-9.8	-9.7	-9.5	-9.71
8	-9.5	-9.5	-9.7	-10.0	-9.8	-8.7	-8.0	-7.0	-6.3	-5.8	-5.8	-5.8	-5.8	-5.7	-5.6	-5.6	-5.8	-5.2	-5.2	-5.1	-5.4	-5.8	-5.7	-5.8	-6.75
9	-5.8	-5.7	-5.8	-6.0	-5.9	-5.7	-5.6	-5.9	-5.8	-6.0	-6.8	-6.8	-8.0	-8.1	-6.5	-5.8	-5.9	-6.1	-6.7	-7.1	-7.5	-8.1	-8.3	-8.5	-6.56
10	-8.7	-9.7	-10.0	-10.3	-9.8	-9 0	-8.4	-8.0	-7.8	-7.6	-8.0	-8.5	-8.8	-9.2	-9.5	-9.8	-10.0	-10.1	-10.0	-10.3	-10.4	-10.9	-11.1	-11.3	-9.47
11	-11.7	-12.0	-12 2	-12 3	-12.3	-12.4	-12.5	-12.7	-12.7	-12.5	-12 3	-12.5	-11.8	-11.9	-12.0	-12.2	-12.4	-12.8	-13.6	-14.1	-14.2	-14.0	-14.2	-14 8	-12.75
12	-15.0	-15.0	-14.8	-14.7	-14.6	-14.6	-14.5	-14.8	-14.3	-14.2	-14.0	-14.0	-13.8	-14.1	-14.3	-14.6	-14.5	-14.5	-14.5	-14.5	-14.5	-14.4	-14.4	-14.5	-14.44
13	-14.6	-14.7	-14.8	-14.9	-14.9	-15.0	-15.0	-14.9	-14.8	-14.8	-14.5	-14.0	-13.8	-14.0	-14.2	-14.5	-14.9	-15.1	-15.3	-15.4	-15.7	-16.0	-16.2	-16.7	-14.95
14	-17.0	-17.3	-17.6	-18.1	-18.3	-18.6	-18.6	-18.1	-17.0	-16.8	-16.7	-16.4	-15.2	-14.0	-12.0	-12.6	-12.8	-11.7	-9.5	-9.0	-9.0	-9.3	-9.7	-10.0	-14.89
15	-10 5	-10.6	-10.4	-11.0	-11.0	-10 8	-10.7	-10.7	-10.7	-10.5	-11.0	-11.0	-11.0	-11.2	-11.3	-11.3	-11.3	-11.9	-12.3	-12.4	-12.5	-12.8	-12.8	-12.8	-11 35
16	-12.8	-12.8	-12.9	-13.0	-12.9	-12.8	-12.5	-12.3	-12.2	-12.0	-11.8	-11.8	-12.0	-13.0	-14.0	-15.0	-15.8	-16.0	-16.1	-16.1	-16.0	-15.5	-15.3	-16.1	-13.78
17	-17.1	-17.8	-18.2	-18.5	-18.7	-18.7	-18.6	-18.3	-17.9	-17.4	-17.2	-17.0	-16.8	-16.8	-16.8	-17.0	-17.0	-17.2	-17.3	-17.5	-17.6	-17.8	-18.0	-18.0	-17.63
18	-18.1	-18.4	-18.6	-18.8	-19.0	-19.0	-19.1	-19.0	-18.5	-18.1	-17.9	-17.6	-17.5	-18.0	-18.6	-19.0	-19.1	-19.1	-19.0	-19.0	-19.0	-19.1	-19.1	-19.0	-18.65
19	-19.0	-19.2	-19.6	-20.1	-20.6	**-20.8**	**-20.8**	-20.2	-19.5	-19.2	-19.4	-19.4	-19.0	-18.7	-17.8	-17.0	-16.9	-16.8	-15.0	-14.4	-14.2	-14.2	-13.5	-12.5	-17.82
20	-13 4	-14.4	-14.4	-13.6	-12.0	-11.0	-10.8	-10.3	-11.9	-12.2	-11.8	-11.3	-11.0	-11.1	-11.3	-11.8	-12.2	-12 7	-13.0	-13.1	-13.4	-13.4	-13.2	-13.0	-12.35
21	-13.2	-13.3	-13.9	-14.0	-14.1	-14.1	-14.2	-14.3	-14.4	-14.1	-13.7	-14.0	-14.2	-14.8	-14.8	-14.6	-14.6	-13.5	-13.8	-16.7	-17.0	-16.8	-15.5	-15.7	-14.55
22	-16.3	-16.5	-16.0	-15.5	-14.8	-14.0	-13.4	-13.0	-12.4	-11.7	-11.4	-10.6	-10.0	-10.0	-10.0	-8.8	-8.7	-8.1	-8.2	-8.3	-8.4	-8.7	-9.0	-9.0	-11 37
23	-9.5	-10.5	-11.8	-10.0	-10.0	-10.1	-10.1	-10.8	-11.3	-11.6	-12.1	-12.3	-11.8	-12.2	-13.2	-14.0	-14.2	-14.6	-14.9	-15.3	-15.6	-15.7	-16.0	-14.7	-12.60
24	-13.0	-12.6	-11.9	-11.5	-11.1	-10.1	-9.5	-8.7	-7.7	-6.6	-7.1	-7.5	-7.4	-7.3	-7.1	-7.1	-7.3	-7.3	-7.8	-5.2	-3.8	-3.7	-2.8	-2.7	-7.78
25	-2.4	-2.1	-2.0	-2.2	-2.4	-2.5	-2.6	-2.6	-2.5	-2.5	-2.8	-2.7	-2.4	-2.3	-2.5	-2.6	-3.4	-4.0	-4.3	-4.4	-4.5	-4.7	-4.7	-4.7	-3.08
26	-5.0	-5.5	-5.5	-5.6	-5.7	-5.9	-5.8	-5.3	-3.5	-2.6	-2.7	-2.3	-2.2	-3.5	-4.4	-4.5	-4.6	-4.5	-4.2	-3.8	-3.6	-3.6	-3.5	-3.5	-4.22
27	-3.8	-3.8	-3.8	-3.7	-3.7	-3.7	-3.4	-3.0	-2.9	-2.4	-2.1	-2.3	-2.6	-3.0	-3.5	-3.8	-4.2	-4.7	-4.2	-4.6	-5.0	-5.4	-6.0	-6.5	-3.84
28	-6.5	-6.3	-7.2	-7.7	-8.1	-8.3	-8.4	-7.9	-7.2	-6.8	-7.0	-7.1	-7.1	-7.0	-7.4	-6.8	-6.7	-6.3	-6.4	-6.5	-6.6	-6.8	-6.9	-7.0	-7.10
29	-7.1	-7.1	-7.3	-7.6	-7.5	-7.5	-7.4	-7.4	-7.4	-7.6	-8.5	-9.1	-9.9	-10.1	-10.4	-10.7	-11.2	-11.1	-10.7	-10.0	-9.8	-9.5	-9.7	-9.7	-8.93
30	-9.7	-10.0	-9.7	-9.7	-9.7	-9.6	-9.6	-9.1	-8.6	-8.2	-7.9	-7.8	-7.6	-8.1	-8.3	-8.4	-8.4	-8.3	-8.2	-8.1	-8.1	-7.9	-7.7	-7.1	-8.57
31	-6.9	-7.0	-7.0	-7.0	-7.0	-7.0	-7.0	-6.9	-6.6	-6.5	-6.6	-6.8	-6.6	-6.2	-5.8	-5.6	-5.6	-5.5	-5.4	-5.3	-5.2	-5.3	-5.3	-5.3	-6.23
M.	-10.64	-10.78	-10.95	-11.04	-10.98	-10.86	-10.77	-10.46	-10.08	-9.85	-9.88	-9.87	-9.81	-10.00	-10.02	-10.25	-10.40	-10.40	-10.34	-10.37	-10.40	-10.45	-10.40	-10.41	-10.39

Februar 1923. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	-5.5	-5.5	-5.4	-5.1	-4.9	-5.1	-5.2	-5.0	-4.6	-4.1	-4.0	-3.8	-3.8	-3.8	-3.8	-3.9	-4.2	-4.7	-3.9	-3.2	-2.4	-2.2	-2.8	-2.7	-4.18
2	-2.8	-2.8	-2.6	-2.4	-2.7	-4.5	-5.1	-5.4	-5.7	-5.7	-5.8	-5.7	-5.5	-4.7	-4.2	-4.2	-4.4	-4.3	-4.5	-4.5	-4.5	-4.1	-2.9	-1.6	-4.19
3	-1.2	-0.7	-0.5	-0.6	-1.1	-2.2	-2.8	-2.7	-2.6	-2.4	-2.6	-2.7	-2.8	-3.1	-3.2	-3.2	-3.8	-4.3	-3.5	-3.1	-3.0	-3.1	-3.9	-4.0	-2.69
4	-3.3	-3.1	-3.2	-3.0	-2.3	-2.0	-1.9	-2.2	-2.7	-2.6	-3.1	-3.4	-3.4	-4.0	-4.2	-5.0	-5.0	-5.1	-5.7	-6.4	-6.4	-6.3	-6.3	-6.3	-4.04
5	-6.3	-6.4	-6.8	-6.6	-7.4	-8.3	-8.4	-8.7	-9.0	-9.1	-8.7	-8.3	-8.0	-8.0	-8.0	-8.0	-8.1	-8.0	-7.5	-6.9	-6.6	-7.0	-7.0	-6.0	-7 63
6	-6.6	-6.0	-5.7	-5.7	-5.6	-5.9	-5.8	-6.0	-6.0	-4.4	-3.7	-3.5	-3.4	-4.4	-5 2	-5.4	-6.8	-7.8	-8.0	-8.1	-8.2	-8.2	-8.4	-8.2	-6.18
7	-8.1	-8.0	-8.0	-8.0	-8.0	-8.1	-8.1	-8.0	-7.8	-7.6	-8.0	-8.2	-10.0	-9.3	-8.0	-7.5	-7.6	-7.0	-7.0	-7.1	-7.2	-7.5	-7.7	-7.8	-7.90
8	-7.8	-7.0	-6.3	-5.6	-5.0	-4.3	-3.4	-2.8	-1.3	-0.4	-0.1	**0.0**	**0.0**	-0.5	-0.9	-1.2	-1.7	-1.5	-2.5	-3.1	-3.5	-3.7	-4.0	-4.3	-2.98
9	-4.5	-5.8	-6.2	-6.0	-7.5	-8.1	-8.4	-8.5	-8.5	-8.4	-8.2	-7.4	-7.2	-7.6	-8.5	-8.2	-8.9	-9.0	-9.0	-9.1	-8.8	-8.9	-9.0	-9.3	-7.96
10	-9.4	-8.9	-8.6	-8.7	-8.3	-8.3	-8.2	-7.7	-7.8	-6.4	-6.3	-5.8	-5.8	-6.1	-5.6	-5.6	-5.9	-6.0	-5.7	-5.7	-5.6	-5.7	-5.8	-5.9	-6.80
11	-6.4	-6.6	-6.5	-6.4	-6.7	-7.2	-7.1	-6.0	-4.9	-4.7	-4.8	-4.9	-5.0	-4.9	-5.7	-6.4	-7.0	-6.9	-7.6	-7.9	-8.1	-8.2	-8.3	-8.2	-6.52
12	-8.3	-8.4	-8.7	-9.3	-10.6	-10.3	-9.1	-8.7	-8.5	-8.4	-8.7	-8.7	-8.9	-9.2	-9.7	-10.0	-10.2	-10.8	-11.0	-11.0	-10.9	-11.5	-11.7	-11.4	-9.75
13	-11.5	-11.2	-11.0	-11.0	-11.0	-11.0	-11.0	-10.4	-9.8	-9.4	-9.7	-9.0	-8.5	-8.8	-10.2	-10.8	-10.8	-12.1	-12.1	-12.1	-12.2	-9.5	-11.8	-9.7	-10.61
14	-10.9	-10.8	-11.3	-12.7	-12.9	-13 0	-13.5	-12.1	-11.0	-12.2	-10.6	-10.9	-11.0	-10.7	-12.0	-12.0	-12.3	-12.3	-12.0	-11.7	-11.8	-11.6	-11.6	-11.8	-11.78
15	-11.7	-11.9	-12.0	-11.9	-11.9	-12.1	-12.2	-11.0	-10.0	-9.5	-9.3	-9.3	-9.5	-9.2	-9.7	-10.2	-10.3	-10.3	-10.3	-10.3	-10.0	-10.3	-9.0	-8.7	-10.44
16	-8.4	-8.2	-8.5	-8.6	-8.5	-8.3	-7.8	-7.3	-7.1	-7.0	-6.4	-6.5	-6.2	-6.3	-6.9	-7.0	-7.1	-7.2	-7.1	-7.2	-7.2	-7.3	-7.7	-7.8	-7.40
17	-8.0	-8.1	-8.3	-8.4	-8.7	-9.0	-9.2	-9.2	-9.2	-9.0	-8.7	-8.2	-8 2	-8.3	-8.3	-8.3	-9.2	-9.5	-10.0	-10.2	-10.2	-10.1	-10.3	-10.6	-9.05
18	-10.8	-11.0	-11.0	-11.0	-10.9	-10.9	-10.7	-10.3	-10.0	-9.3	-9.0	-8.7	-8.6	-8.5	-8.6	-9.2	-9.3	-9.0	-9.3	-9.0	-8.0	-7.9	-8.0	-8.0	-9.49
19	-8.1	-8.7	-9.2	-9.3	-9.5	-9.7	-10.0	-10.3	-9.8	-9.6	-9.5	-9.4	-10.0	-10.0	-10.7	-10.8	-10.9	-10.9	-10.9	-10.8	-10.8	-10.7	-11.1	-11.2	-10.08
20	-11.5	-11.7	-12.0	-11.8	-11.8	-11.6	-11.6	-11.2	-11.5	-11.0	-10.5	-10.0	-10.0	-10.4	-11.0	-11.8	-12.3	-12.7	-12.7	-13.1	-13.4	-13.1	-13.0	-13.4	-11.80
21	-13.1	-13.6	-13.9	-13.1	-12.6	-12.5	**-14.0**	-13.2	-11.9	-11.4	-11.4	-11.5	-11.5	-10.9	-10 2	-10.0	-10.7	-10.7	-10.5	-10.7	-10.1	-10.1	-10.3	-10.3	-11.59
22	-10.1	-10.3	-10.3	-10.5	-11.2	-11.8	-11.8	-11.5	-11.4	-11.0	-10.7	-10.5	-10.5	-10.5	-11.0	-11.5	-11.4	-10.7	-10.0	-9.4	-8.9	-8.6	-8.6	-7.5	-10.40
23	-7.9	-7.9	-11.1	-10.9	-10.3	-10.0	-10.0	-9.7	-9.2	-9.2	-8.9	-8.0	-8.0	-9.0	-10.3	-11.1	-11.2	-11.5	-11.4	-11.0	-10.9	-10.7	-10.7	-10.3	-9.99
24	-10.0	-9.5	-9.9	-9.0	-9.3	-8.8	-8.2	-7.5	-7.1	-6.0	-5.9	-5.0	-5.2	-6.1	-6.5	-6.4	-6.7	-7.6	-8.2	-8.0	-7.7	-8.0	-8.0	-8.4	-7.63
25	-7.3	-7.6	-7.3	-6.1	-6.6	-6.4	-7.6	-7.1	-6.7	-6.4	-6.8	-6.5	-6.6	-7.0	-7.3	-7.4	-7.5	-7.5	-7.5	-7.5	-7.5	-7.7	-7.8	-7.8	-7.17
26	-7.8	-7.8	-7.8	-7.8	-7.9	-8.3	-8.1	-7.9	-7.9	-8.0	-8.0	-7.8	-7.0	-6.8	-5.9	-5.8	-5.7	-5.1	-4.3	-4.0	-4.0	-4.3	-4.3	-4.8	-6.54
27	-6.0	-7.4	-7.8	-7.9	-8.0	-8.1	-8.2	-8.3	-8.5	-8.5	-8.4	-8.2	-8.2	-9.0	-9.3	-9.3	-9.0	-8.7	-9.0	-9.3	-9.5	-9.3	-9.5	-9.5	-8.55
28	-9.9	-10.0	-9.8	-9.8	-9.8	-9.8	-9.9	-9.7	-9.6	-9.3	-9.1	-9.0	-9.1	-8.9	-8.9	-9.0	-9.0	-9.5	-9.4	-9.2	-9.0	-8.8	-8.7	-8.7	-9.33
M.	-7.99	-8.03	-8.20	-8.11	-8.25	-8.41	-8.48	-8.14	-7.84	-7.55	-7.39	-7.17	-7.23	-7.36	-7.64	-7.84	-8.11	-8.24	-8.23	-8.20	-8.09	-8.01	-8.13	-8.01	-7.94

März 1923. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	−8.8	−9.2	−9.3	−9.3	−9.3	−9.2	−9.1	−9.2	−9.3	−9.4	−9.3	−9.2	−9.3	−9.8	−9.5	−9.5	−9.5	−10.0	−10.6	−10.6	−10.5	−10.0	−10.1	−10.2	−9.59
2	−10.2	−20.0	−9.8	−9.0	−8.8	−7.7	−6.5	−6.0	−5.7	−5.1	−4.7	−4.5	−4.2	−4.2	−4.7	−5.2	−5.4	−5.6	−5.5	−5.5	−5.4	−6.6	−6.7	−6.7	−6.40
3	−6.7	−6.8	−6.8	−6.7	−7.0	−7.3	−7.4	−7.6	−6.9	−7.2	−7.3	−8.4	−8.8	−9.4	−9.7	−10.0	−10.6	−10.8	−10.7	−10.6	−10.5	−10.5	−10.5	−10.5	−8.70
4	−10.6	−10.6	−10.6	−10.9	−11.3	−11.6	−11.5	−11.2	−10.7	−10.1	−10.0	−9.8	−9.4	−9.7	−9.8	−10.8	−10.4	−11.0	−10.9	−11.2	−11.2	−11.0	−10.7	−10.4	−10.64
5	−10.2	−10.3	−10.5	−10.7	−10.8	−10.8	−10.8	−10.4	−9.7	−8.6	−10.0	−9.6	−7.6	−9.2	−9.2	−9.0	−9.4	−9.8	−10.0	−10.0	−9.8	−10.0	−10.2	−10.3	−9.87
6	−10.1	−9.8	−10.5	−9.9	−9.4	−9.4	−10.6	−9.9	−9.6	−9.4	−9.4	−9.6	−9.8	−9.5	−11.0	−11.4	−11.8	−11.2	−11.2	−10.7	−10.6	−11.0	−12.4	−10.9	−10.36
7	−10.5	−10.3	−10.6	−10.4	−10.4	−10.3	−10.9	−10.2	−9.8	−7.0	−6.6	−6.5	−6.8	−7.8	−7.9	−8.5	−9.2	−9.6	−9.7	−9.7	−9.4	−9.6	−10.0	−10.2	−9.23
8	−10.4	−10.4	−10.8	−10.2	−10.2	−10.8	−10.5	−9.8	−8.7	−8.2	−6.6	−7.0	−7.8	−8.0	−8.7	−8.2	−7.6	−8.7	−8.0	−9.2	−9.8	−9.8	−9.8	−10.1	−9.10
9	−10.7	−10.8	−10.7	−10.7	−10.7	−10.7	−10.2	−10.1	−10.2	−10.1	−10.0	−9.7	−10.4	−9.5	−9.9	−9.8	−10.2	−10.0	−10.9	−10.9	−11.4	−11.6	−11.6	−11.5	−10.51
10	−11.6	−11.7	−12.0	−11.8	−12.5	−12.2	−11.6	−8.7	−8.7	−8.9	−9.5	−7.9	−7.5	−8.8	−9.1	−9.2	−9.8	−9.7	−10.8	−11.4	−11.4	−11.2	−11.0	−11.2	−10.34
11	−11.5	−10.9	−10.2	−10.7	−10.1	−13.0	−11.8	−11.5	−11.8	−11.8	−12.3	−12.2	−11.2	−10.3	−9.9	−11.8	−12.3	−12.7	−12.7	−12.5	−12.5	−13.0	−13.3	−13.2	−11.80
12	−13.0	−13.0	−12.8	−12.7	−13.0	**−13.6**	−13.5	−12.5	−11.0	−9.0	−9.3	−9.7	−10.6	−9.7	−10.3	−11.2	−11.5	−11.6	−10.8	−12.7	−13.4	**−13.6**	−13.2	−12.6	−11.85
13	−12.4	−10.2	−9.7	−9.5	−9.2	−9.0	−7.6	−7.9	−7.3	−7.0	−7.6	−8.0	−8.2	−8.1	−8.1	−8.1	−8.4	−7.9	−7.8	−7.8	−7.8	−8.4	−8.3	−8.8	−8.48
14	−8.8	−9.0	−8.9	−9.0	−7.9	−9.0	−9.2	−9.7	−10.0	−9.8	−8.5	−8.0	−7.8	−8.9	−6.9	−6.0	−6.7	−6.5	−7.8	−8.6	−9.2	−7.7	−9.0	−8.6	−8.40
15	−8.9	−8.3	−8.5	−7.2	−7.2	−7.3	−8.2	−8.0	−7.6	−6.2	−6.0	−6.2	−6.2	−6.5	−6.0	−6.8	−7.0	−7.8	−8.2	−8.3	−8.5	−8.3	−8.5	−8.5	−7.51
16	−8.3	−8.0	−8.0	−7.7	−7.9	−7.9	−6.6	−6.5	−6.1	−5.0	−5.1	−4.8	−3.4	−4.4	−4.6	−4.6	−4.7	−4.7	−5.2	−5.1	−5.0	−4.9	−4.9	−5.0	−5.77
17	−5.0	−5.0	−4.8	−4.6	−4.5	−4.3	−4.0	−3.6	−3.5	−3.4	−3.6	−3.3	−3.2	−3.5	−4.3	−5.0	−5.1	−5.3	−5.3	−5.5	−5.7	−5.9	−6.0	−6.0	−4.60
18	−6.0	−6.0	−6.3	−6.2	−6.3	−6.3	−5.4	−5.8	−5.7	−5.0	−5.0	−4.7	−4.6	−5.2	−6.0	−6.2	−6.4	−6.8	−7.2	−6.7	−6.6	−6.3	−6.3	−6.7	−5.99
19	−6.7	−5.7	−5.2	−4.8	−5.0	−5.1	−5.0	−4.7	−4.5	−3.8	−3.8	−3.7	−3.2	−3.4	−3.7	−4.6	−5.4	−5.4	−5.8	−6.1	−6.4	−5.8	−5.5	−5.2	−4.94
20	−4.4	−4.7	−5.8	−5.6	−6.0	−5.7	−4.4	−3.0	−2.2	−2.0	−2.1	−2.1	−2.0	−2.2	−3.3	−4.0	−4.8	−4.8	−4.2	−4.9	−5.0	−4.6	−4.1	−4.2	−3.96
21	−5.0	−5.2	−4.0	−3.6	−4.0	−4.0	−4.1	−3.8	−3.0	−2.0	−2.8	−2.6	−2.2	−2.7	−2.8	−3.0	−3.8	−3.7	−3.6	−4.0	−4.2	−4.0	−4.1	−4.8	−3.56
22	−4.8	−4.3	−4.8	−4.4	−4.4	−4.5	−4.2	−2.7	−2.5	−2.0	−2.0	−2.3	−2.4	−2.2	−2.8	−3.2	−3.2	−3.8	−4.0	−4.1	−4.2	−3.6	−3.5	−3.3	−3.42
23	−3.1	−2.7	−2.8	−2.2	−2.4	−2.0	−0.4	−0.4	−0.4	−0.8	−0.7	−0.6	−0.5	−1.0	−1.5	−1.5	−1.8	−2.8	−2.8	−2.8	−3.8	−3.8	−3.5	−3.0	−1.89
24	−2.7	−2.4	−2.0	−2.0	−2.2	−2.0	−1.4	−0.6	**0.0**	**0.0**	−0.5	−1.2	−1.2	−1.9	−2.4	−2.2	−2.9	−3.1	−3.7	−4.2	−4.3	−4.1	−3.1	−2.6	−2.20
25	−2.9	−2.9	−2.5	−2.6	−2.8	−2.5	−1.6	−1.6	−1.3	−0.4	−0.7	−0.6	−0.4	−0.8	−0.8	−0.4	−1.0	−1.6	−2.2	−2.4	−2.5	−2.7	−2.7	−2.7	−1.78
26	−2.7	−2.9	−2.9	−2.7	−2.3	−1.7	−1.2	−0.9	−0.5	−0.4	−0.7	−0.8	−0.6	−0.8	−1.2	−1.6	−1.8	−2.0	−2.5	−2.8	−3.0	−2.8	−2.6	−1.5	−1.79
27	−1.6	−1.6	−1.4	−1.7	−1.7	−1.7	−1.5	−1.6	−1.8	−1.8	−1.0	−0.6	−0.6	−0.6	−0.9	−1.2	−1.9	−2.2	−2.9	−3.2	−3.4	−3.7	−4.0	−3.7	−1.97
28	−3.5	−3.6	−3.6	−3.6	−3.6	−3.7	−3.2	−2.9	−1.9	−1.2	−1.0	−0.4	−0.2	−1.4	−3.1	−3.4	−2.7	−3.1	−3.2	−3.1	−4.0	−4.0	−4.7	−4.6	−2.90
29	−4.5	−4.6	−4.5	−4.5	−4.4	−3.0	−3.7	−3.0	−3.0	−3.0	−3.0	−2.9	−2.4	−2.2	−2.1	−1.8	−2.8	−3.7	−4.6	−4.9	−5.0	−5.0	−5.1	−5.2	−3.68
30	−5.4	−5.6	−5.1	−5.2	−4.8	−4.1	−2.9	−2.1	−1.1	−0.8	−0.6	−0.4	**0.0**	−0.2	−1.0	−1.0	−1.4	−2.2	−3.6	−4.3	−4.8	−5.0	−5.1	−5.3	−3.00
31	−5.1	−4.9	−4.4	−4.3	−4.6	−4.2	−3.0	−3.0	−1.7	−1.3	−2.2	−2.8	−2.6	−3.0	−3.9	−4.1	−4.6	−4.7	−5.4	−5.8	−5.8	−5.8	−5.9	−5.7	−4.12
M.	−7.28	−7.14	−7.03	−6.92	−6.93	−6.91	−6.52	−6.09	−5.68	−5.17	−5.23	−5.18	−5.00	−5.29	−5.63	−5.91	−6.20	−6.53	−6.82	−7.08	−7.26	−7.24	−7.32	−7.18	−6.40

April 1923. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	−5.7	−5.6	−5.9	−6.3	−6.0	−6.1	−6.4	−6.1	−5.6	−4.6	−2.9	−2.9	−1.2	−1.1	−3.4	−4.7	−5.1	−5.0	−5.8	−5.6	−6.2	−6.2	−5.9	−6.0	−4.99
2	−5.9	−5.2	−5.1	−5.3	−4.5	−3.9	−2.6	−2.7	−2.7	−2.0	−1.7	−1.6	−1.6	−1.8	−2.5	−3.4	−3.9	−4.3	−4.7	−5.0	−5.2	−5.3	−5.6	−5.8	−3.85
3	−5.8	−6.0	−6.1	−6.1	−6.4	−6.8	−5.6	−5.4	−4.5	−3.8	−3.2	−3.0	−2.4	−3.6	−3.6	−3.8	−4.3	−5.0	−5.3	−5.5	−5.4	−5.4	−5.4	−5.2	−4.88
4	−5.6	−5.7	−5.3	−5.4	−5.4	−5.0	−5.2	−4.1	−2.0	−1.4	−2.3	−2.3	−2.3	−2.8	−3.3	−3.6	−4.1	−4.2	−4.6	−5.0	−5.2	−5.6	−5.1	−5.3	−4.22
5	−5.9	−6.0	−6.0	−6.0	−5.9	−5.5	−4.8	−4.0	−3.6	−2.8	−3.5	−2.8	−2.8	−2.6	−2.2	−2.2	−3.0	−4.3	−4.9	−4.8	−5.2	−5.0	−4.4	−4.4	−4.28
6	−4.2	−4.1	−3.9	−4.0	−5.0	−4.9	−3.8	−4.8	−4.7	−4.8	−4.4	−3.9	−3.6	−3.6	−3.7	−4.0	−4.8	−4.7	−5.0	−6.1	−6.2	−6.8	−6.0	−6.7	−4.67
7	−5.7	−6.3	−6.1	−5.0	−6.6	−5.8	−4.4	−4.5	−4.0	−3.6	−4.4	−4.0	−4.0	−4.8	−5.2	−5.0	−5.7	−5.7	−6.6	−6.7	−6.8	−6.7	−6.8	−6.8	−5.45
8	−5.8	−6.6	−6.4	−6.8	−7.0	−6.8	−7.0	−6.0	−5.5	−4.2	−4.9	−4.2	−4.0	−4.0	−4.2	−5.0	−5.0	−6.8	−6.9	−6.6	−7.4	−7.7	−7.8	−7.8	−5.97
9	−7.7	−7.4	−7.0	−6.4	−5.8	−5.0	−4.0	−2.4	−1.1	−0.2	−0.8	−2.9	−3.4	−3.2	−3.0	−3.6	−4.7	−5.2	−5.6	−5.8	−5.4	−5.2	−5.0	−4.8	−4.36
10	−5.4	−5.7	−5.9	−5.8	−5.0	−2.9	−2.4	−2.0	−1.8	−1.8	−2.5	−2.5	−1.8	−1.3	−1.2	−1.2	−1.5	−1.5	−1.5	−1.8	−1.8	−1.4	−1.4	−1.2	−2.51
11	−1.2	−1.2	−1.3	−1.6	−1.6	−0.8	0.3	0.7	1.0	1.0	1.3	2.1	2.8	2.6	2.9	2.0	1.7	1.0	0.2	−0.2	−0.6	−1.0	−1.0	−1.0	−0.31
12	−1.0	−1.0	−0.3	0.8	0.8	1.4	2.6	3.1	3.6	4.0	4.0	4.0	**4.2**	**4.2**	3.8	3.3	3.1	2.7	2.0	1.8	1.0	1.0	0.7	0.3	−2.04
13	0.3	0.1	−0.1	−0.4	−0.5	−0.5	−0.1	0.2	0.8	1.5	2.0	2.3	−2.8	2.6	2.0	1.6	1.2	0.7	0.0	−0.7	−0.8	−1.2	−2.0	−2.2	−0.40
14	−2.3	−3.0	−3.1	−3.3	−3.7	−4.3	−4.2	−3.9	−3.1	−1.4	−1.9	−1.5	−1.6	−1.9	−2.5	−6.6	−7.1	−7.9	−8.6	−8.4	−8.6	−8.9	−8.8	−9.3	−4.83
15	−10.4	−9.3	−9.5	−9.7	−9.7	−10.2	−10.1	−9.8	−8.9	−8.3	−6.8	−7.0	−6.4	−7.8	−7.9	−8.2	−8.4	−8.7	−8.6	−9.8	−9.4	−9.0	−8.9	−8.2	−8.79
16	−8.1	−8.3	−8.3	−8.1	−8.1	−8.3	−8.0	−7.5	−6.9	−6.9	−5.6	−5.7	−5.3	−5.0	−6.0	−6.5	−6.7	−7.0	−7.3	−7.1	−7.0	−7.0	−7.1	−7.1	−7.01
17	−7.2	−7.0	−7.0	−7.3	−8.0	−9.3	−9.0	−8.0	−8.0	−7.4	−6.9	−6.6	−6.6	−6.6	−6.6	−6.6	−6.4	−6.3	−6.4	−6.7	−6.6	−6.3	−6.0	−6.1	−7.04
18	−6.4	−6.6	−6.7	−7.0	−7.2	−6.2	−6.2	−5.3	−4.7	−4.0	−4.1	−4.2	−2.2	−3.3	−3.7	−4.2	−4.9	−5.0	−5.5	−5.6	−5.4	−4.9	−4.9	−5.3	−5.17
19	−5.1	−5.0	−5.0	−6.0	−5.7	−5.3	−5.0	−5.0	−4.5	−5.2	−5.1	−5.7	−7.0	−7.1	−7.0	−7.5	−8.0	−7.7	−7.9	−7.7	−7.5	−7.9	−7.9	−8.1	−6.41
20	−8.2	−8.4	−8.1	−7.8	−7.5	−7.1	−6.4	−4.9	−4.2	−4.8	−4.7	−4.9	−4.6	−3.5	−3.4	−3.0	−3.6	−4.2	−4.5	−4.6	−4.2	−3.9	−3.6	−3.6	−5.13
21	−3.6	−3.3	−2.8	−2.6	−2.4	−1.6	−0.8	−0.7	−0.8	−0.7	−0.7	−0.6	−0.2	−0.0	−0.9	−1.0	−1.1	−1.4	−3.0	−3.2	−3.6	−3.8	−3.5	−3.5	−1.91
22	−3.7	−3.5	−3.3	−3.0	−3.0	−2.6	−2.2	−1.3	−0.7	−0.1	−0.1	−0.3	−1.0	−0.6	−0.1	−0.2	−0.3	−0.9	−2.3	−2.8	−2.9	−3.3	−3.6	−3.6	−1.72
23	−3.7	−3.7	−3.7	−3.9	−3.9	−3.5	−3.2	−2.6	−1.6	−0.4	−0.7	−1.1	−1.8	−0.7	−2.2	−3.2	−3.4	−3.7	−3.7	−3.7	−4.1	−4.3	−3.5	−3.7	−2.92
24	−3.9	−4.1	−4.2	−4.5	−4.6	−4.7	−4.8	−4.0	−3.9	−3.4	−3.1	−2.8	−3.0	−3.5	−4.8	−6.4	−6.8	−7.9	−7.8	−7.9	−8.1	−7.7	−6.8	−6.7	−5.17
25	−7.1	−7.4	−7.8	−7.8	−7.7	−7.5	−6.8	−5.6	−5.2	−3.8	−3.1	−2.1	−1.5	−1.9	−2.4	−2.7	−2.8	−3.0	−3.6	−4.2	−4.6	−4.8	−5.0	−5.0	−4.66
26	−4.9	−4.7	−4.6	−4.2	−4.0	−3.5	−2.7	−2.2	−2.0	−1.8	−1.6	−1.2	−1.0	−0.5	−0.2	−0.4	−1.1	−1.8	−3.1	−3.5	−3.5	−3.1	−3.0	−2.8	−2.55
27	−2.7	−2.4	−2.4	−3.1	−2.9	−2.8	−2.4	−1.8	−0.5	−0.4	0.0	0.2	0.3	0.0	−0.2	−1.0	−2.7	−3.6	−4.0	−4.3	−4.4	−4.7	−5.0	−5.3	−2.32
28	−5.4	−5.4	−5.5	−5.5	−5.5	−5.5	−5.2	−4.5	−3.0	−1.5	−1.6	−2.8	−4.0	−4.2	−4.5	−5.2	−5.1	−6.0	−6.6	−6.8	−7.0	−7.2	−7.5	−7.6	−5.13
29	−7.6	−7.8	−6.9	−6.8	−6.8	−6.5	−6.5	−5.8	−5.8	−5.2	−5.0	−5.0	−4.4	−4.5	−5.0	−5.2	−5.0	−5.5	−5.5	−5.7	−6.2	−5.8	−5.7	−5.8	−5.79
30	−5.6	−5.7	−6.0	−6.3	−6.3	−6.2	−5.8	−4.8	−3.2	−3.8	−2.6	−2.0	−1.5	−1.1	−1.9	−1.1	−1.1	−1.2	−1.1	−1.0	−1.0	−1.2	−1.8	−1.6	−3.00
M.	−5.18	−5.19	−5.13	−5.16	−5.18	−4.89	−4.41	−3.84	−3.24	−2.67	−2.56	−2.50	−2.24	−2.34	−2.75	−3.29	−3.67	−4.09	−4.57	−4.82	−4.96	−4.99	−4.93	−4.99	−4.07

Mai 1923 — Stündliche Lufttemperaturen. — $h_1 = 7.0^m$. — Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−1.9	−1.9	−1.9	−2.0	−2.2	−2.3	−2.0	−1.6	−0.9	−0.4	0.0	0.9	1.8	2.6	2.8	3.0	3.0	2.8	2.5	2.0	1.6	1.6	1.6	1.6	0.45
2	1.6	1.6	1.5	1.4	2.5	3.5	3.6	4.0	4.6	4.9	4.8	5.2	5.8	5.6	5.2	5.0	4.7	4.5	4.1	3.6	3.2	2.8	3.1	3.0	3.74
3	2.6	2.6	2.5	2.2	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.2	3.2	2.8	2.4	2.5	2.0	1.1	1.3	1.2	1.2	1.1	0.6	0.5	2.18
4	0.6	0.4	0.3	0.1	0.3	0.2	0.1	0.2	0.3	0.3	1.0	1.3	5.0	4.9	4.0	3.4	2.9	3.0	2.4	1.7	1.6	2.0	1.2	1.7	1.62
5	2.5	2.4	2.4	3.0	4.1	5.7	5.8	5.8	5.6	5.5	5.6	6.0	6.5	6.7	6.7	6.8	6.9	6.7	5.9	5.3	5.0	5.0	5.0	5.0	5.25
6	4.8	4.7	4.5	4.4	4.7	5.4	5.4	6.4	7.8	8.6	8.8	9.1	9.4	9.2	9.0	9.0	8.5	8.1	7.6	6.9	7.0	6.7	6.3	5.6	7.00
7	5.6	6.3	5.8	5.4	5.4	7.3	10.6	11.4	**11.8**	**11.8**	11.3	10.7	10.3	10.3	10.1	10.0	9.6	9.0	8.1	7.8	5.8	5.4	5.7	5.7	8.28
8	5.5	5.4	5.7	6.0	6.2	7.4	8.0	8.8	8.5	8.6	9.0	9.5	9.5	9.1	8.7	8.5	8.0	7.3	6.9	6.3	6.0	5.7	5.8	4.5	7.28
9	4.0	4.0	2.8	2.5	2.5	3.1	3.7	5.2	5.6	5.8	5.5	4.0	3.0	2.3	2.4	3.0	3.0	2.8	2.3	2.3	2.2	2.0	1.5	1.0	3.19
10	1.1	1.0	0.8	0.4	−0.2	−1.0	−1.8	−2.7	−3.0	−3.2	−3.3	−3.4	−3.4	−3.9	−4.4	−7.5	−8.0	−7.6	−7.5	−8.2	−8.1	−8.3	−8.9	−9.2	−4.19
11	−9.3	−9.1	−9.5	−9.8	−10.0	−10.2	−10.2	−9.8	−7.8	−7.6	−7.0	−6.9	−6.8	−6.3	−6.0	−5.4	−5.3	−5.3	−5.5	−5.9	−5.9	−6.0	−6.0	−6.1	−7.35
12	−6.1	−6.1	−6.2	−6.3	−6.1	−5.3	−4.5	−4.9	−3.2	−2.4	−1.7	−1.6	−1.5	−1.6	−2.8	−5.5	−7.0	−8.0	−9.2	−10.3	−10.5	−10.3	−10.1	−10.1	−5.83
13	−10.5	−10.4	**−10.6**	−10.3	−8.0	−7.1	−7.0	−6.3	−5.0	−3.4	−2.3	−1.7	−1.2	−1.2	−1.4	−1.0	−1.3	−2.1	−2.3	−2.7	−2.8	−3.0	−3.1	−3.2	−4.30
14	−3.2	−3.1	−3.1	−3.2	−1.4	−0.4	0.2	−0.2	−0.9	−0.7	0.4	1.2	1.5	1.1	0.0	−0.6	−0.7	−0.9	−1.2	−1.4	−1.4	−2.2	−2.4	−2.7	−1.05
15	−3.7	−5.0	−6.2	−6.9	−6.9	−6.5	−5.0	−4.5	−3.7	−3.6	−3.8	−3.0	−2.6	−1.0	−0.2	0.0	−0.1	−0.8	−1.2	−1.9	−2.0	−2.3	−2.6	−2.7	−3.15
16	−2.6	−2.6	−2.4	−2.1	−1.4	1.2	2.2	2.5	2.7	2.8	3.2	3.5	3.0	−1.0	−3.3	−5.4	−6.3	−6.3	−6.5	−6.8	−7.3	−8.5	−8.9	−8.5	−2.46
17	−8.3	−8.4	−8.4	−8.4	−7.9	−6.0	−5.5	−4.6	−4.1	−2.4	−1.8	−1.4	−1.2	−1.9	−2.5	−2.5	−2.8	−3.5	−4.3	−4.8	−5.0	−5.3	−5.6	−5.7	−4.68
18	−6.0	−6.7	−8.1	−9.2	−9.6	−10.0	−9.5	−8.6	−8.7	−8.4	−8.4	−7.3	−6.5	−5.0	−5.0	−5.6	−5.7	−6.0	−7.0	−7.7	−8.2	−8.3	−8.5	−8.3	−7.60
19	−8.4	−8.4	−8.7	−8.6	−8.6	−8.5	−6.6	−6.7	−5.8	−5.2	−5.0	−4.6	−3.4	−3.3	−4.0	−5.0	−5.6	−6.9	−7.7	−8.0	−8.0	−7.5	−7.6	−7.4	−6.66
20	−7.2	−7.0	−6.7	−6.5	−6.0	−5.2	−4.0	−3.0	−2.0	−1.4	−1.7	−1.2	−0.8	−0.7	−1.1	−1.2	−1.0	−1.4	−2.2	−2.5	−2.4	−2.7	−2.8	−3.0	−3.07
21	−3.1	−3.1	−3.1	−3.0	−2.6	−0.2	0.2	0.1	0.0	0.0	0.2	0.8	3.0	2.4	1.3	0.7	0.3	−0.9	−1.7	−1.7	−1.6	−1.6	−1.7	−1.7	−0.71
22	−1.9	−2.0	−2.0	−2.0	−1.9	−1.7	−1.7	−1.3	−0.8	−0.5	0.2	2.6	3.0	2.4	1.4	0.5	−0.1	−0.2	−0.3	−0.3	−0.3	−0.3	−0.3	−0.3	−0.85
23	−0.3	−0.5	−0.7	−0.8	0.1	1.0	3.0	3.2	3.9	4.6	5.6	6.3	6.6	6.1	5.7	5.5	5.0	4.3	4.1	3.9	2.2	1.9	1.6	1.5	3.04
24	1.5	1.5	1.4	1.3	1.2	1.0	1.2	1.4	2.2	3.0	3.6	6.3	7.2	5.2	3.0	1.6	1.5	1.5	0.1	0.0	0.2	0.2	0.2	0.6	1.95
25	0.5	0.2	0.2	−0.3	−0.5	0.0	1.0	2.5	3.5	4.5	4.8	5.2	5.0	5.0	5.0	4.5	4.0	2.1	1.1	0.9	0.7	0.3	0.3	0.5	2.12
26	0.4	0.3	0.0	0.0	0.0	−0.2	0.0	1.0	3.3	6.2	4.2	1.0	−0.3	1.7	1.3	1.2	0.4	−0.3	−1.3	−2.1	−2.5	−2.7	−2.8	−2.8	0.25
27	−2.3	−2.4	−2.6	−2.8	−2.4	−2.2	−2.0	−1.2	−1.0	0.0	1.2	2.0	2.8	2.6	2.1	2.0	1.5	0.2	−0.3	−0.6	−0.7	−0.7	−0.7	−0.8	−0.55
28	−0.9	−1.0	−1.0	−1.0	−1.1	0.3	1.0	1.9	2.4	2.5	2.8	2.8	2.8	1.5	−2.2	−3.0	−3.4	−4.4	−5.5	−5.9	−5.9	−6.0	−5.7	−5.2	−1.43
29	−4.9	−4.8	−4.6	−4.3	−3.7	−0.7	0.2	0.9	1.4	2.3	2.1	2.0	2.8	2.0	1.6	0.8	0.8	0.9	1.2	1.4	1.5	1.4	1.4	1.4	0.18
30	1.4	1.4	1.7	2.0	2.3	2.9	4.6	4.6	4.7	4.7	5.0	3.0	2.6	2.3	2.3	2.2	2.4	3.3	3.0	2.5	2.2	1.9	2.0	2.2	2.80
31	2.1	2.0	2.0	2.2	4.0	5.5	6.2	6.5	6.9	7.5	7.4	7.3	7.4	7.3	7.0	6.8	6.5	6.4	6.0	5.3	4.8	4.3	4.0	3.6	5.37
M.	−1.50	−1.57	−1.75	−1.83	−1.46	−0.66	0.01	0.47	1.01	1.54	1.76	2.02	2.43	2.17	1.60	1.12	0.77	0.30	−0.25	−0.66	−0.88	−1.09	−1.22	−1.27	0.04

Juni 1923. — Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	3.1	2.0	1.0	0.3	−0.3	−0.6	−0.2	0.1	1.4	3.0	3.7	4.1	5.0	4.6	5.0	4.9	5.0	4.0	3.1	2.0	0.9	0.7	0.6	0.5	2.25
2	0.5	0.5	0.4	0.4	0.3	0.0	−0.8	−0.8	−0.2	0.0	0.4	1.3	1.8	1.0	0.8	1.6	1.7	1.3	0.6	0.4	0.4	0.1	0.0	−0.1	0.48
3	−0.4	−0.4	−0.4	−0.4	0.8	2.1	3.0	4.6	5.3	5.4	5.1	5.0	5.2	5.1	4.7	4.5	4.4	3.3	3.2	1.0	0.7	0.7	0.7	0.6	2.66
4	−0.3	−0.9	−0.7	−0.5	−0.5	−0.7	−0.6	−0.3	−0.6	−0.6	−0.2	−1.1	−1.4	−1.7	−2.2	−2.5	−2.8	−3.6	−3.9	−4.6	−5.2	−5.1	−5.3	−5.0	−2.10
5	−5.0	−5.4	−5.3	−5.5	−5.9	−6.0	−6.0	−5.7	−5.7	−5.7	−4.3	−4.1	−4.0	−5.7	−5.7	−6.5	−6.7	−6.8	−6.9	−6.9	−6.9	−7.0	−7.1	−7.1	−5.91
6	−7.0	−7.0	−7.0	−7.1	−7.0	−6.8	−6.6	−5.9	−5.9	−5.6	−5.4	−5.3	−5.0	−4.5	−4.5	−4.5	−4.5	−4.8	−4.9	−5.1	−5.0	−5.0	−5.0	−4.9	−5.60
7	−4.8	−5.0	−4.9	−4.9	−4.9	−4.7	−4.6	−4.3	−4.1	−4.0	−4.4	−4.6	−4.4	−4.3	−4.3	−4.4	−4.9	−5.2	−5.5	−5.7	−6.0	−6.2	−6.0	−6.2	−4.93
8	−6.6	−7.1	−6.9	−6.0	−4.7	−3.0	−2.2	−2.9	−3.0	−1.8	−1.5	−1.7	−1.8	−1.2	−0.2	0.0	0.0	−0.1	−1.0	−0.9	−1.2	−1.4	−1.6	−1.5	−2.43
9	−1.2	−1.1	−1.1	−1.2	−0.8	−0.6	0.0	0.5	1.6	2.6	2.6	2.8	3.2	4.3	4.0	4.6	4.7	4.7	4.4	4.0	3.5	3.5	3.4	3.3	2.15
10	3.1	2.8	2.5	2.8	4.5	7.1	8.4	8.8	9.1	9.5	9.8	**10.0**	**10.0**	9.8	9.6	9.4	9.0	8.1	7.5	6.9	6.0	5.7	5.7	5.5	7.15
11	5.4	5.1	4.8	4.5	4.4	4.4	4.8	5.0	5.6	5.9	6.2	6.3	6.7	6.9	5.7	4.8	4.4	3.1	1.0	0.8	0.6	0.2	−0.5	−0.8	3.97
12	−1.3	−2.0	−2.2	−2.8	−3.0	−3.0	−2.3	−2.4	−2.4	−2.4	−2.7	−2.5	−2.4	−1.7	−2.2	−3.0	−2.9	−2.0	−3.3	−3.4	−3.8	−4.0	−4.2	−4.0	−2.75
13	−4.2	−4.4	−4.0	−4.0	−4.3	−4.3	−3.8	−2.6	−2.1	−2.0	−2.6	−2.0	−2.0	−1.8	−1.0	−0.2	−0.1	0.4	0.6	0.6	0.6	0.4	0.1	0.0	−1.78
14	−0.1	−0.2	−0.3	−0.4	−0.6	−0.8	−1.8	−2.0	−2.0	−1.8	−2.3	−2.1	−2.0	−2.5	−2.8	−3.4	−3.1	−3.1	−3.1	−3.2	−3.2	−3.4	−3.5	−3.7	−2.14
15	−4.2	−4.7	−4.8	−4.5	−4.4	−4.3	−4.0	−3.5	−2.4	−1.8	−1.9	−2.0	−2.0	−1.5	−1.4	−1.2	−1.3	−1.5	−1.8	−2.2	−2.2	−2.2	−2.4	−2.3	−2.69
16	−2.3	−2.4	−3.0	−2.6	−2.0	−1.8	−1.6	−1.3	−1.1	−0.6	−0.3	−0.2	−0.2	−0.3	−0.5	−1.2	−1.8	−1.1	−1.3	−3.1	−4.4	−4.8	−4.7	−4.5	−1.96
17	−4.5	−4.6	−5.0	−5.1	−5.4	−5.7	−5.9	−6.2	−6.4	−6.4	−5.8	−5.8	−6.8	−6.8	−6.0	−6.4	−6.5	−7.0	−7.7	−8.1	−8.5	−8.9	−8.4	−8.5	−6.52
18	−9.0	**−9.4**	**−9.4**	−9.3	−9.3	−9.2	−8.8	−8.5	−7.6	−6.8	−6.2	−6.0	−6.1	−5.3	−5.8	−5.2	−5.7	−5.8	−5.9	−6.0	−6.2	−6.1	−6.0	−5.9	−7.06
19	−5.6	−5.5	−5.2	−5.2	−4.9	−5.0	−4.6	−3.9	−3.3	−3.2	−3.0	−2.6	−2.2	−2.7	−3.2	−3.4	−3.9	−3.9	−3.8	−3.6	−3.4	−3.2	−3.2	−3.4	−3.83
20	−3.6	−3.7	−3.9	−3.8	−3.7	−3.6	−3.4	−3.0	−2.5	−2.2	−1.7	−1.0	−1.0	−1.0	−1.0	−1.4	−1.6	−1.7	−1.9	−2.1	−2.4	−2.5	−2.5	−2.7	−2.41
21	−2.7	−2.6	−2.7	−2.7	−2.7	−2.6	−1.0	−0.8	−0.2	0.0	0.0	0.1	0.2	0.6	1.0	1.2	0.8	0.2	−0.5	−1.2	−1.8	−2.0	−2.0	−1.9	−0.97
22	−2.0	−2.1	−2.3	−2.4	−2.4	−2.2	−2.0	−1.1	−0.7	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	−0.2	−0.6	−1.1	−1.2	−1.0	−0.7	−0.5	−0.91
23	−0.3	−0.2	−0.1	−0.1	0.0	0.0	0.0	0.2	0.9	1.6	1.6	1.5	1.6	1.8	1.7	1.4	1.7	1.6	2.0	2.1	2.4	2.5	2.5	2.6	1.21
24	2.4	2.0	2.0	2.1	2.3	2.5	3.0	4.1	6.1	6.6	6.9	7.0	7.4	7.8	8.4	8.7	8.3	6.8	6.2	5.5	5.0	4.6	4.7	4.6	5.21
25	4.1	4.0	3.9	4.0	4.0	4.7	5.5	6.3	6.7	6.8	6.7	6.1	5.6	5.3	4.4	4.6	4.6	4.5	3.0	2.9	3.0	3.0	2.9	2.9	4.56
26	2.0	2.0	1.9	1.4	1.4	1.2	0.8	0.4	0.4	0.0	0.1	−0.4	−0.4	−0.4	−0.5	−1.2	−1.0	−1.1	−1.2	−1.7	−2.2	−2.2	−2.5	−2.7	−0.25
27	−3.0	−3.0	−3.0	−3.1	−3.5	−2.8	−2.8	−2.0	−1.6	−1.0	−1.2	−1.0	0.5	−0.3	−0.6	−0.8	−1.0	−2.0	−3.0	−3.6	−3.8	−3.9	−3.8	−4.0	−2.24
28	−3.9	−3.8	−3.8	−3.6	−2.8	−1.0	−0.2	−0.1	0.3	1.9	2.0	2.5	3.2	3.2	2.4	1.3	1.0	0.1	−0.8	−1.6	−1.9	−2.0	−2.0	−2.0	−0.48
29	−1.9	−1.9	−1.9	−1.9	−1.8	−1.8	−1.6	−0.7	0.4	1.3	0.1	−0.5	−0.5	−0.2	−0.7	−0.3	−0.5	−1.5	−1.9	−1.8	−2.0	−2.0	−2.2	−2.2	−1.17
30	−2.1	−2.2	−2.3	−2.3	−2.1	−1.3	−1.0	−0.6	0.0	1.0	1.8	2.2	3.2	3.2	3.3	3.2	3.2	3.0	2.9	2.2	1.5	1.2	1.3	1.5	0.87
M.	−1.85	−2.04	−2.12	−2.13	−1.98	−1.66	−1.33	−0.95	−0.47	0.00	0.12	0.20	0.38	0.39	0.28	0.15	0.02	−0.34	−0.82	−1.25	−1.56	−1.68	−1.72	−1.75	−0.92

Juli 1923. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	1.6	1.5	1.5	1.6	1.8	2.2	2.4	3.1	3.4	4.0	4.6	4.9	5.2	5.2	4.9	4.2	3.7	3.4	3.8	3.2	3.0	2.8	2.8	1.8	3.15
2	1.9	1.8	1.4	1.0	0.9	0.8	0.7	0.9	1.2	1.4	1.8	2.2	2.8	2.1	1.5	1.0	1.0	1.6	1.5	1.7	1.6	1.7	1.5	1.3	1.45
3	0.7	0.5	0.7	0.7	0.7	0.7	1.0	1.1	1.3	1.3	2.4	3.9	4.0	4.2	4.4	4.8	4.6	4.3	3.5	2.8	2.4	1.9	1.7	1 6	2.80
4	1.5	1.5	1.8	1.9	2.5	3.6	4.1	5.0	6.9	7.4	7.7	8.0	8.6	8.5	8.6	8.0	7.8	8.1	8.1	7.4	5.8	5.2	4.7	4.4	5.70
5	4.6	4.7	4.9	5.3	5.7	6.3	7.0	7.8	7.8	8.4	10.8	11.0	11.0	11.1	11.0	11.0	10.5	10.0	9.5	9.1	8.4	8.0	7.7	8.0	8.28
6	8.0	8.5	8.7	8.9	9.6	10.4	11.0	11.4	11.6	11.8	12.0	12.1	12.4	12.0	11.2	10.8	10.8	10.9	10.6	10.1	9.5	8.7	8.0	7.7	10.28
7	7.2	7.3	7.3	7.0	7.1	7.8	8.4	8.7	9.0	9.0	10.0	12.1	13.0	11.5	10.2	10.0	9.8	9.7	9.0	8.1	7.6	7.0	6.7	6.5	8.75
8	6.4	6.4	6.5	6.7	7.1	7.7	8.2	9.9	10.7	11.0	10.7	10.8	11.2	10.8	10.6	10.6	10.4	9.6	8.6	8.0	7.5	7.3	7.2	7.1	8.79
9	7.1	7.1	7.5	7.4	7.5	9.5	9.8	9.7	9.7	9.8	10.1	10.6	11.0	10.4	9.8	9.6	9.5	9.5	9.9	9.9	9.8	9.6	9.8	8.7	9.28
10	8.7	8.5	8.4	8.7	9.8	10.7	12.0	12.2	12.9	13.0	12.8	13.0	13.5	13.4	13.0	11.0	10.3	10.0	10.0	10.0	10.2	10.3	10.4	10.7	10.96
11	10.7	10.4	10.2	10.0	11.1	12.3	13.0	13.6	13.9	14.0	14.4	14.8	14.8	13.2	13.1	12.8	13.0	12.9	12.2	11.8	11.8	11.8	11.7	11.7	12.47
12	11.6	11.2	11.0	11.4	13.0	15.0	15.6	15.7	15.6	15.5	14.8	14.2	14.0	14.1	13.0	12.8	13.6	13.7	13.8	12.6	12.0	11.5	11.3	11.0	13.23
13	11.0	10.8	10.9	11.8	12.2	13.5	13.6	14.5	15.2	16.4	15.1	13.2	12.6	12.9	13.5	14.0	14.4	14.4	13.6	12.8	12.4	12.2	12.2	12.3	13.12
14	12.5	12.7	12.8	12.8	12.6	13.4	15.0	16.0	16.6	17.8	18.2	18.1	18.0	17.6	17.3	17.0	16.6	16.3	15.6	14.7	14.0	13.4	12.9	12.4	15.18
15	12.3	12.2	12.8	12.5	13.0	14.0	14.8	16 2	16.7	17.0	16.3	15.5	15.4	12.0	11.1	10.4	9.6	9.5	8.0	6.0	6.0	6.0	5.8	5.5	11.59
16	5.4	5.0	4.7	4.4	4.4	4.5	4.6	4.8	4.9	5.1	6.0	6.6	7.2	7.3	6.8	6.2	6.0	5.5	5.0	4.9	4.7	4.8	4.8	4.9	5.85
17	4.9	4.9	5.0	5.0	5.2	5.7	6.0	6.9	7.5	8.4	9.3	10.0	10.6	10.6	10.5	10.1	9.5	8.0	7.3	6.7	6.0	5.5	5.4	5.2	7.26
18	5.3	5.4	5.6	6.0	6.3	6.6	7.0	7.7	8.9	10.0	10.0	9.8	9.8	9.4	7.8	6.3	5.9	5.3	3.7	3.2	2.9	2.8	2.7	2.7	6.27
19	2.7	2.7	2.9	3.0	3 0	3.0	3.0	2.2	1.3	1 2	2 2	2.4	3.8	4.8	5.1	5.1	5.0	4.3	3.2	2.5	1.8	1.8	1.7	1.4	2.92
20	1.4	1.3	0.9	0.8	1.0	2.0	3.0	4.3	5.1	6.9	6.5	7.0	8.2	8.1	7.4	7.1	6.5	6.0	5.0	4.3	4.0	4.2	4.4	5.0	4.56
21	5.1	5.6	7.2	7.2	7.9	8.3	8.4	8.4	8.5	8.6	8.5	8.3	8.5	8.9	9.0	8.4	8.1	8.0	8.0	7.0	7.4	7.3	7.0	6.6	7.76
22	6.3	6.1	6.0	6.0	6.2	7.0	7.4	7.6	7.5	7.2	6.8	7.8	8.9	9.7	9.5	7.6	8.0	6.9	6.5	5.6	5.2	5.0	5.0	5.0	6.82
23	5.0	4.8	4.6	4.6	4.7	5.0	5.3	6.2	8.2	9.8	10.1	10.2	10.2	10.3	10.4	10.2	9.8	9.0	8.0	7.2	6.4	5.9	5.5	5.3	7.86
24	5.3	5.3	5.3	5.4	5.7	6.0	6.4	5.0	5.5	5.5	5.7	5.5	5.6	5.6	5.5	5.0	4.6	4.7	4.9	5.2	5.6	5.6	5.2	5.4	6.45
25	5.3	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.8	6.2	6.4	6.7	7.4	7.5	7.5	7.5	7.2	7.2	7.2	7.2	7.2	7.0	6.7	6.3	5.40
26	6.1	6.0	5.9	5.6	5.3	5.1	5.2	5.3	5.4	5.6	5.6	5.8	6.2	6.3	6.3	6.2	6.1	6.0	5.8	5.6	5.3	5.2	5.0	5.0	5.68
27	4.2	3.8	3.5	3.0	2.7	2.3	2.1	2.2	2.3	2.6	2.7	3.0	3.4	3.5	3.7	3.7	3.5	3.3	3.2	3.1	2.9	2.6	2.5	2.5	3.01
28	2.4	2.4	2.5	2.9	3.3	3.8	4.2	5.1	7.0	8.4	8.9	9.3	9.4	9.4	9.2	8.9	8.9	8.2	7.7	7.2	6.9	6.5	6.3	6.0	6.45
29	5.8	5.5	5.3	5.0	4.4	4.1	4.2	4.7	4.7	4.4	4.2	4.4	4.2	4.0	5.0	5.0	5.0	4.2	3.0	1.7	1.0	1.1	1.3	1.6	3.91
30	1.7	1.8	1.4	1.0	1.3	1.8	2.8	3.3	3.9	4.5	5.2	5.7	6.1	6.0	6.0	6.0	5.8	5.3	5.0	4.9	4.9	4.7	4.5	4.4	4.08
31	4.2	4.1	4.1	4.2	4.5	5.3	6.6	8.0	9.3	9.8	10.5	11.0	11.4	11.4	11.0	10.6	10.5	10 0	9.8	9.5	9.4	8.4	7.2	7.1	8.25
M.	5.71	5.65	5.67	5.70	5.98	6.53	7.05	7.51	8.01	8.42	8.69	8.95	9.29	9.09	8.82	8.45	8.26	7.93	7.42	6.90	6.57	6.32	6.08	5.97	7.29

August 1923. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	6.2	6.2	5.8	5.4	3.1	2.5	2.4	2.5	2.0	1.3	1.0	1.9	2.5	2.9	3.0	3.2	2.2	1.8	1.7	1.3	1.1	1.3	1.4	1.3	2.67
2	1.0	0.8	1.0	2.3	4.3	5.7	6.6	7.5	8.2	8.3	10.0	11.0	11.8	12.1	12.3	12.6	11.9	11.0	10.1	9.3	9.0	9.3	9.2	9.0	8.12
3	8.8	8.9	8.5	8.7	8.5	9.1	8.8	8.8	9.5	7.9	7.6	6.9	6.8	7.1	7.3	7.6	7.5	7.3	6.8	7.1	7.0	6.4	5.9	5.3	7.67
4	5.0	4.6	4.3	4.0	4.0	4.1	4.4	5.0	5.5	6.0	6.1	7.6	8.6	8.1	7.4	7.1	7.5	7.4	7.0	6.7	6.6	6.4	6.4	6.3	6.09
5	6.3	6.3	6.5	7.1	7.6	8.7	9.4	11.0	12.0	12.6	12.1	12.1	12.0	11.3	10.5	10.2	10.6	9.5	8.6	7.8	7.4	7.0	6.9	6.8	9.18
6	6.9	6.9	7.0	7.3	7.7	9.0	10.4	10.2	10.9	11.4	11.4	11.3	11.4	11.6	11.4	11.0	11.6	10.2	9.5	9.0	8.6	8.2	8.0	7.9	9.53
7	7.7	7.7	7.7	7.9	8.0	8.2	8.6	9.9	11.4	12.4	12.4	12.8	13.0	13.0	12.8	12.6	12.1	11.8	10.9	10.0	9.4	9.0	8.8	8.6	10.28
8	8.5	8.4	8.3	8.2	8.0	8.0	8.2	8.8	9.5	10.1	10.2	11.6	12.4	12.1	11.8	11.9	12.2	11.4	10.8	10.0	9.4	9.1	9.0	8.8	9.86
9	8.8	8.8	8.8	8.9	9.0	9.9	10.4	11.5	13.4	14.4	14.0	14.0	14.6	14.8	14.4	14.0	15.3	14.3	13.7	13.0	12.5	12.3	12.1	12.0	12.29
10	11.9	11.9	12.1	13.7	14.2	15.0	15.6	17.3	17.4	17.4	17.9	18.7	18.6	17.6	16.4	16.0	16.5	16.5	15.6	14.0	13.1	12.3	12.0	12.0	15.15
11	11.8	11.7	11.6	11.4	11.0	11.0	11.4	11.7	12.0	13.7	13.4	14.4	15.0	13.0	11.9	10.8	10.0	9.1	8.6	8.2	7.9	7.4	7.3	7.0	10.89
12	7.0	6.9	6.9	6.9	7.2	7.5	8.5	9.2	9.9	10.3	10.7	10.7	11.2	11.2	10.8	10.4	11.0	10.0	9.1	8.2	7.6	7.3	7.2	7.3	8.88
13	7.6	7.6	7.6	7.7	8.0	8.9	9.5	10.3	11.1	12.0	12.0	12.1	12.2	11.5	11.3	10.8	11.6	10.4	10.1	9.1	8.5	8.1	8.0	8.0	9.75
14	8.0	8.1	8.3	8.9	9.2	11.7	12.2	12.5	12.9	13.5	13.1	13.8	14.6	14.5	14.1	13.8	16.0	14.2	13.0	12.1	11.6	11.3	11.2	11.2	12.07
15	11.3	11.5	11.7	11.7	11.9	12.4	13.0	13.7	15.2	15.3	14.9	16.0	16.0	15.1	13.4	12.0	11.4	10.8	10.0	8.0	8.0	8.3	7.3	7.0	11.91
16	6.1	5.5	4.8	4.5	4.4	4.2	3.8	3.7	3.6	3.6	3.3	2.7	2.4	2.3	2.9	3.0	2.6	2.0	1.3	0.2	−0.4	−0.9	−0.9	−0.8	2.66
17	−0.7	−0.5	0.1	1.0	1.8	2.9	3.6	4.2	4.3	4.3	5.0	5.0	4.6	4.6	4.3	3.7	3.6	3.6	3.1	2.3	2.5	2.4	2.2	2.0	2.93
18	1.7	1.5	1.6	1.7	1.7	1.6	1.4	1.5	2.0	2.6	3.0	3.7	4.7	4.8	4.2	3.4	3.0	3.0	2.5	2.5	2.5	2.2	1.3	0.2	2.43
19	−0.4	−0.6	−0.8	−1.0	−1.0	−1.3	−1.2	−1.3	−1.3	−1.3	−1.2	−1.0	−0.6	−0.4	−0.4	−0.3	−0.3	−0.2	−0.1	−0.2	−0.2	−0.4	−0.6	−0.7	−0.70
20	−0.7	−0.8	−0.8	−0.9	−1.0	−1.0	−1.0	−0.7	−0.5	0.0	0.2	0.3	0.5	1.0	1.9	2.5	2.9	3.2	3.3	3.4	3.4	3.4	3.4	3.4	1.06
21	3.5	3.6	3.7	3.8	4.1	4.5	5.0	5.7	6.6	9.0	10.0	11.1	11.3	10.8	10.4	11.0	12.2	10.7	10.3	10.1	9.8	9.7	9.7	9.8	8.18
22	10.0	10.0	9.7	8.0	7.5	7.3	7.8	6.6	4.8	4.4	4.5	4.0	3.5	3.2	3.3	3.6	3.5	3.3	3.1	3.1	0.1	−0.7	−1.1	−1.2	4.51
23	−1.0	−0.5	−0.4	−0.4	−0.4	−0.1	0.9	3.0	4.8	5.4	5.9	6.3	6.8	7.9	8.0	8.6	8.5	7.5	6.6	6.0	5.7	5.8	6.0	6.0	4.45
24	6.0	6.3	6.4	6.4	7.1	7.3	8.4	8.6	8.7	8.8	8.4	8.0	6.6	4.5	3.8	3.0	2.6	2.5	1.8	1.2	1.0	0.8	0.9	0.7	4.99
25	0.6	0.1	0.0	0.0	−0.3	−0.5	−0.5	−0.5	−0.4	−0.2	−0.4	−0.2	0.0	0.0	0.2	0.0	0.0	−0.1	−0.2	0.0	0.0	−0.1	−0.2	−0.1	−0.12
26	−0.2	−0.6	−0.8	−0.7	−0.7	−0.5	0.0	1.1	1.8	3.8	5.1	6.3	6.4	6.7	7.7	8.4	8.0	7.3	7.0	6.7	6.6	6.5	6.5	6.3	4.11
27	6.7	6.5	6.1	5.7	5.9	6.6	8.2	8.7	10.5	12.0	12.2	11.4	11.8	11.3	9.4	6.0	4.9	4.4	4.7	2.8	2.2	1.5	0.5	−0.7	6.64
28	−0.8	−0.7	−0.7	−1.0	−0.7	−0.6	−0.5	−0.6	−0.6	−0.5	−0.4	0.2	0.0	0.1	0.0	−0.2	−0.8	−1.3	−1.7	−1.9	−1.9	−2.0	−2.0	−1.9	−0.85
29	−1.9	−1.9	−1.9	−2.0	−1.9	−1.9	−0.6	1.9	3.4	4.8	5.3	6.7	7.2	7.1	7.0	7.8	7.3	7.3	6.8	6.7	7.0	6.7	6.2	6.0	3.88
30	5.8	5.1	4.8	3.7	3.6	3.4	3.0	4.2	3.6	4.4	4.8	4.2	4.2	4.7	4.6	4.6	4.5	4.1	3.6	3.4	3.6	3.7	3.6	3.6	4.08
31	3.5	3.4	3.5	3.5	3.6	4.3	6.2	6.2	5.7	5.2	5.0	4.9	5.0	5.0	5.4	5.4	5.3	5.1	4.9	4.9	5.0	4.8	4.4	5.1	4.80
M.	5.00	4.93	4.87	4.92	5.01	5.42	5.93	6.52	7.03	7.53	7.64	8.02	8.23	8.05	7.79	7.57	7.59	7.03	6.53	5.98	5.63	5.39	5.18	5.04	6.37

September 1923 **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	3.5	2.4	0.8	−0.2	−0.7	−1.2	−2.0	−2.2	−2.6	−2.6	−2.6	−2.4	−2.6	−2.6	−2.7	−2.8	−3.0	−2.9	−3.0	−2.9	−2.5	−2.5	−2.7	−2.8	−1.78
2	−3.0	−3.0	−3.1	−3.1	−3.2	−2.5	−2.0	−0.4	0.2	0.5	1.2	1.5	3.0	3.3	3.2	3.2	3.3	2.8	2.2	1.6	1.5	1.4	1.5	1.4	0.47
3	1.4	0.7	−0.1	−0.7	−0.7	−0.6	−0.4	−0.6	−0.1	1.1	1.1	1.4	1.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	−0.1	−0.4	−0.19
4	−0.3	−0.3	−0.4	−0.3	−0.4	−0.6	−0.6	−0.5	−0.2	0.2	0.3	1.0	1.2	0.6	0.4	0.2	−0.2	−1.0	−1.5	−1.9	−2.0	−2.0	−2.0	−2.0	−0.51
5	−2.0	−2.2	−2.3	−2.3	−2.3	−2.0	−1.8	−0.7	0.9	3.4	3.2	2.3	1.2	0.5	0.2	−0.8	−0.7	−0.6	−0.7	−1.0	−1.1	−1.0	−1.1	−1.0	0.50
6	−0.9	−0.8	−0.9	−1.0	−0.9	−0.8	−0.8	−0.7	−0.4	0.0	0.5	1.7	2.2	2.5	2.4	3.4	1.9	1.8	1.2	1.2	1.2	1.1	1.2	1.2	0.68
7	1.8	2.2	2.6	2.5	2.7	3.5	5.4	5.2	5.8	6.4	6.5	6.7	7.0	7.1	6.8	6.8	6.5	6.0	4.8	3.7	3.2	3.0	2.7	2.5	4.62
8	2.8	2.1	2.0	2.0	1.8	1.9	2.2	2.4	3.8	5.6	6.0	6.5	6.8	6.7	6.7	6.5	6.1	5.0	4.0	3.2	2.6	2.4	2.3	2.4	3.89
9	2.8	3.0	3.4	4.0	4.5	5.1	6.0	7.4	8.5	9.7	9.8	9.9	9.8	8.4	8.3	9.0	7.8	7.4	6.9	6.5	6.2	6.0	5.8	5.7	6.75
10	5.6	5.3	5.0	5.0	4.8	4.7	5.0	6.4	7.5	8.8	8.6	8.5	8.8	8.3	7.7	7.4	7.4	7.0	6.5	6.1	6.0	6.0	5.8	5.5	6.57
11	5.3	5.1	5.0	4.9	4.7	4.8	5.8	6.0	6.1	6.8	6.8	7.4	7.6	7.8	7.5	7.5	7.8	7.1	6.0	5.2	4.7	4.4	4.1	4.0	5.93
12	4.0	3.8	3.8	3.8	3.8	4.0	4.2	4.4	6.0	7.8	8.7	9.0	9.1	8.7	8.3	7.6	7.1	6.5	5.8	5.4	5.4	5.3	5.3	5.2	5.96
13	5.0	4.9	4.8	4.7	4.7	4.8	5.8	6.4	6.9	7.2	7.2	8.0	8.5	8.4	8.2	9.0	7.7	7.2	6.7	6.2	5.7	5.3	5.2	5.0	6.40
14	4.7	4.8	4.8	4.9	4.8	5.1	6.2	6.3	6.9	7.5	7.0	7.1	7.6	8.0	8.0	7.8	7.2	6.3	5.6	5.3	4.8	4.6	4.4	4.2	6.00
15	4.2	4.1	4.0	4.2	4.4	4.5	4.4	4.5	5.3	6.0	5.9	4.0	3.0	2.8	2.7	3.4	3.3	3.0	2.7	2.2	1.8	1.8	1.8	1.6	3.57
16	1.4	1.4	1.4	1.4	1.4	2.0	2.6	3.3	4.8	5.8	6.4	9.2	9.3	8.4	7.5	6.6	6.0	5.2	4.6	4.0	3.5	3.0	3.0	3.0	4.38
17	3.3	3.6	3.6	3.8	4.2	4.3	4.6	5.0	5.6	6.4	7.0	7.4	7.8	7.6	7.3	7.1	6.9	6.8	6.8	7.0	7.2	7.0	6.9	6.9	6.00
18	6.8	6.5	6.0	5.8	5.3	4.6	4.2	4.0	4.1	4.0	2.7	0.5	−0.2	−0.7	−0.9	−0.8	−1.0	−1.0	−0.9	−1.2	−1.6	−1.9	−2.3	−3.0	1.63
19	−2.8	−2.7	−2.6	−2.6	−3.2	−4.0	−4.3	−4.1	−4.3	−4.3	−4.1	−4.2	−4.2	−4.3	−4.5	−5.2	−4.5	−4.5	−4.7	−4.5	−4.4	−4.4	−4.4	−4.4	−4.05
20	−4.4	−4.5	−4.6	−4.6	−4.6	−4.3	−4.0	−3.5	−3.1	−2.8	−2.3	−2.1	−2.0	−2.2	−2.6	−2.8	−3.0	−3.1	−3.4	−4.5	−4.8	−5.0	−5.1	−5.3	−3.69
21	−5.8	−5.6	−5.0	−4.6	−4.2	−4.0	−3.8	−3.8	−3.1	−2.5	−2.7	−2.9	−3.1	−2.8	−1.8	−0.7	−0.7	−0.3	−0.1	0.0	0.0	−0.1	−0.2	−0.3	−2.40
22	−0.3	−0.4	−0.4	−0.6	−0.6	−0.5	−0.4	−0.5	−0.7	−1.0	−1.4	−0.9	−0.4	−0.2	−0.1	0.0	0.0	0.2	−0.3	−0.2	0.2	0.0	0.3	0.7	−0.31
23	0.7	1.3	1.5	1.0	0.5	0.4	1.4	1.8	2.0	3.4	3.6	4.2	4.6	4.3	3.5	2.8	2.0	0.1	−0.5	−1.0	−1.2	−1.3	−1.8	−3.2	1.25
24	−3.3	−3.7	−3.8	−3.9	−3.9	−3.9	−4.0	−4.0	−4.0	−3.2	−3.1	−2.9	−2.6	−2.4	−2.8	−2.6	−2.6	−3.3	−3.2	−3.7	−4.0	−4.2	−4.4	−5.3	−3.53
25	−5.4	−4.7	−4.0	−3.3	−2.4	−1.9	−1.8	−1.0	−0.4	1.1	0.7	−0.1	−1.0	−0.9	0.6	2.0	2.0	2.0	1.0	1.0	1.0	1.1	1.0	0.5	−0.54
26	0.0	0.0	−0.1	−0.1	−0.1	0.0	0.0	0.3	0.4	0.6	1.0	1.1	1.2	1.0	0.9	0.6	0.0	−0.3	−0.5	−0.7	−1.2	−1.4	−1.6	−1.7	−0.02
27	−1.7	−1.7	−1.8	−1.8	−1.7	−1.4	−1.2	−0.8	−0.6	0.0	0.5	1.0	1.4	1.5	1.8	1.8	1.7	1.5	1.5	1.5	1.6	1.7	2.3	2.5	0.40
28	2.4	2.3	2.2	2.2	2.9	2.6	3.2	4.0	4.9	5.6	5.4	5.8	6.0	5.9	5.7	5.6	5.0	4.3	3.9	3.7	3.6	3.3	3.2	3.1	4.03
29	3.1	3.2	3.4	3.6	3.9	4.3	4.3	4.7	5.2	5.4	6.4	7.5	8.2	7.8	6.9	6.4	6.4	6.1	6.0	6.0	6.4	6.1	6.0	6.3	5.57
30	6.0	6.0	6.4	6.3	6.5	7.0	7.2	7.6	8.3	9.0	9.3	9.6	10.0	10.1	9.8	9.4	8.8	8.8	8.0	7.6	7.4	7.3	7.3	6.9	7.94
M.	1.13	1.10	1.05	1.03	1.07	1.20	1.51	1.90	2.46	3.20	3.32	3.53	3.66	3.48	3.32	3.28	2.97	2.60	2.18	1.86	1.71	1.57	1.47	1.31	2.16

Oktober 1923. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	6.8	6.4	6.3	6.2	6.3	7.3	8.1	7.8	8.3	9.2	9.6	10.3	10.6	10.4	9.7	8.5	7.2	6.3	5.6	5.0	4.6	4.3	3.6	3.0	7.12
2	2.7	2.6	2.4	2.6	2.6	2.6	2.5	2.4	3.0	3.4	3.3	2.6	2.6	2.2	1.7	1.5	1.3	1.4	2.1	2.0	2.0	2.0	2.0	2.0	2.31
3	1.9	1.7	1.6	1.3	1.0	0.8	0.5	0.3	0.2	0.1	−0.8	−0.7	0.0	−0.1	−0.9	−2.2	−2.2	−2.0	−2.0	−1.9	−1.1	−1.3	−1.3	−1.3	−0.35
4	−1.5	−2.7	−5.1	−6.7	−7.7	−7.9	−8.5	−8.6	−8.4	−8.2	−7.7	−7.4	−7.5	−7.5	−7.3	−6.8	−7.7	−8.0	−7.6	−7.5	−7.4	−7.3	−7.3	−7.2	−7.06
5	−7.1	−7.2	−7.6	−8.3	−8.4	−8.4	−8.0	−7.3	−6.7	−6.6	−6.4	−6.3	−6.3	−6.3	−6.2	−6.4	−6.5	−6.5	−6.5	−6.5	−6.6	−6.5	−6.4	−6.2	−6.88
6	−6.3	−6.1	−5.9	−5.8	−5.8	−5.7	−5.4	−4.2	−4.0	−2.7	−2.6	−1.9	−1.8	−2.4	−2.8	−4.5	−5.0	−5.4	−5.8	−5.8	−5.8	−6.0	−6.7	−7.0	−4.81
7	−7.0	−7.3	−7.0	−5.8	−5.1	−4.5	−4.3	−4.0	−3.9	−3.8	−3.9	−3.9	−3.8	−4.0	−4.3	−4.6	−5.1	−5.2	−5.3	−5.4	−5.5	−5.5	−5.5	−5.4	−5.00
8	−5.4	−5.5	−5.5	−5.5	−5.5	−5.3	−5.2	−4.9	−4.5	−4.2	−4.3	−3.2	−2.6	−3.0	−3.0	−2.7	−2.6	−2.2	−2.1	−2.0	−1.6	−1.5	−1.4	−1.4	−3.55
9	−1.4	−1.6	−2.2	−2.1	−2.0	−2.0	−2.1	−2.0	−1.8	−1.6	−0.4	0.0	0.0	−0.0	0.2	1.0	1.1	1.3	1.5	1.5	1.5	1.1	1.4	1.6	−0.29
10	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.7	3.0	3.3	3.6	3.8	4.0	4.0	4.0	3.5	2.8	2.3	1.7	1.3	0.9	0.8	0.8	2.50
11	0.8	1.2	1.5	2.0	2.6	3.3	3.8	3.7	3.6	3.5	3.2	3.0	2.8	2.9	3.0	3.0	2.7	2.3	1.7	1.4	1.0	0.8	0.8	0.8	2.31
12	0.8	0.7	0.4	0.3	0.2	0.8	0.8	3.8	4.8	5.8	6.7	7.3	7.8	7.3	6.4	5.6	5.0	4.8	5.3	5.0	5.3	4.9	4.7	3.8	4.08
13	3.8	3.5	3.0	2.7	2.6	2.6	2.6	2.6	3.2	3.4	3.7	3.5	3.3	3.3	3.0	2.0	0.7	0.5	0.1	−1.8	−2.1	−2.3	−2.8	−3.6	1.56
14	−3.6	−4.5	−5.3	−5.6	−5.6	−5.6	−5.6	−4.7	−4.0	−3.2	−2.8	−2.8	−2.8	−3.4	−3.9	−4.6	−5.1	−5.6	−6.0	−6.8	−7.3	−7.8	−7.9	−7.6	−5.09
15	−7.9	−8.0	−8.2	−8.3	−8.4	−8.5	−8.5	−8.6	−7.8	−6.5	−6.1	−6.2	−6.2	−6.2	−6.6	−6.5	−7.2	−8.0	−8.8	−9.3	−9.6	−8.4	−7.9	−6.7	−7.68
16	−6.1	−5.6	−5.2	−4.9	−4.7	−4.6	−4.0	−3.0	−2.6	−2.2	−2.6	−2.8	−3.4	−4.0	−4.7	−4.8	−5.0	−5.7	−5.8	−5.7	−5.5	−5.8	−5.1	−5.0	−4.51
17	−5.5	−5.7	−5.9	−6.1	−6.3	−6.7	−6.8	−7.5	−8.7	−6.2	−5.2	−4.6	−3.8	−3.8	−4.0	−3.8	−3.8	−3.8	−3.7	−3.5	−3.2	−3.3	−2.3	−2.3	−4.85
18	−1.8	−1.8	−1.2	−1.4	−0.9	−0.2	1.0	1.7	2.4	3.0	3.4	3.5	3.4	3.0	2.2	2.4	1.9	1.1	0.7	0.3	0.0	−0.2	0.2	0.5	0.99
19	0.8	1.6	1.9	2.0	2.0	2.3	2.6	2.7	2.8	3.0	3.2	3.7	4.2	4.4	4.7	5.0	4.8	4.9	6.0	6.0	7.2	7.5	7.6	7.6	4.10
20	7.5	7.3	7.1	6.8	6.3	5.7	6.0	6.8	7.3	7.8	7.0	7.0	6.5	5.7	5.0	5.0	5.9	5.1	6.1	6.7	7.0	7.3	7.4	7.5	6.54
21	7.1	7.4	7.7	7.7	7.7	7.6	7.5	7.4	7.2	7.0	7.0	7.3	7.4	7.0	6.1	5.3	4.9	4.5	4.3	4.1	4.0	3.7	3.5	3.7	6.13
22	3.3	2.3	2.2	1.9	1.8	1.9	2.0	2.0	1.8	1.4	0.7	0.2	−0.3	−0.7	−0.7	−0.7	−0.7	−0.2	−0.3	−0.2	−0.2	−0.6	−0.8	−1.0	0.63
23	−1.0	−0.8	−0.8	−0.8	−0.8	−0.8	−0.8	−0.7	−0.6	−0.4	−0.4	0.2	0.4	0.7	1.1	1.3	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.7	0.82
24	1.9	2.0	2.1	2.2	2.3	2.7	3.2	3.3	3.3	3.0	2.9	2.7	2.4	1.5	0.4	0.5	0.4	1.6	2.4	2.3	4.0	4.6	4.7	4.7	2.55
25	4.7	4.5	4.3	4.5	4.7	4.8	4.8	5.1	5.7	6.3	6.7	6.8	7.0	6.7	6.2	5.3	5.0	4.4	4.1	3.9	3.8	3.8	3.8	3.8	5.05
26	3.8	3.8	3.8	3.7	3.6	3.3	3.2	3.3	4.1	5.0	5.7	6.3	6.3	6.0	4.5	2.2	1.7	1.0	−0.2	−0.1	0.0	0.0	0.5	1.0	3.04
27	1.3	1.5	1.7	1.7	1.7	1.7	1.8	2.4	3.0	3.5	3.7	4.2	4.4	4.5	4.3	4.0	3.7	3.3	3.0	2.8	2.5	2.4	2.5	2.5	2.84
28	2.9	3.0	3.0	3.0	3.0	3.0	3.5	4.0	4.3	4.8	4.9	4.8	4.6	4.3	4.3	4.2	3.9	3.6	3.3	3.0	2.5	2.0	2.0	2.0	3.49
29	1.7	1.5	1.7	1.7	1.6	1.2	1.0	1.2	1.5	2.0	2.9	3.7	4.0	3.6	3.3	2.9	2.7	2.6	2.6	2.7	3.0	2.7	2.6	2.5	2.37
30	2.3	2.2	2.0	2.0	2.0	2.0	1.9	2.3	3.6	3.7	4.3	4.8	5.4	4.7	4.0	3.4	3.0	2.9	2.8	2.8	2.8	2.8	3.0	3.0	3.07
31	3.0	2.8	2.6	2.5	2.3	2.2	2.0	2.9	4.2	5.4	6.1	6.8	7.0	6.5	5.6	5.4	4.7	4.5	4.6	4.2	4.0	4.0	4.3	4.3	4.25
M.	0.12	0.05	−0.08	−0.14	−0.15	−0.08	0.06	0.41	0.77	1.26	1.46	1.69	1.80	1.52	1.14	0.80	0.44	0.24	0.17	0.08	0.07	0.01	0.06	0.07	0.49

November 1923. **Stündliche Lufttemperaturen.** $h_i = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	4.4	4.2	4.3	4.1	3.9	3.9	4.8	7.0	7.4	8.0	7.2	7.5	8.0	7.5	6.4	5.5	5.0	4.2	3.8	3.6	3.5	3.3	3.1	3.1	5.15
2	3.1	3.1	3.0	2.9	2.7	2.3	1.8	2.0	3.0	4.2	3.9	3.7	3.6	2.7	2.1	0.2	0.1	0.1	0.0	0.0	0.1	−0.3	−0.4	−0.7	1.80
3	−1.0	−1.9	−1.1	−1.8	−2.1	−2.2	−1.8	−0.9	−0.2	1.4	1.9	1.4	1.7	1.2	0.0	−0.5	−0.7	−0.9	−1.0	−1.2	−1.2	−1.4	−1.4	−1.4	−0.63
4	−1.9	−2.4	−2.3	−2.3	−2.0	−2.0	−2.0	−2.2	−2.2	−2.2	−2.0	−1.9	−1.8	−2.0	−2.1	−2.3	−2.5	−2.7	−3.0	−3.7	−3.5	−3.7	−3.8	−3.9	−2.52
5	−4.3	−4.5	−4.9	−5.3	−5.8	−5.8	−6.0	−5.9	−5.2	−4.4	−4.1	−4.2	−5.1	−5.8	−6.2	−6.2	−6.0	−5.9	−5.8	−5.2	−5.2	−5.1	−5.0	−5.0	−5.27
6	−4.8	−4.7	−4.2	−4.0	−4.0	−4.0	−4.0	−3.1	−2.0	−1.4	−2.0	−2.0	−2.8	−4.8	−5.6	−5.8	−6.2	−6.6	−6.6	−6.6	−6.7	−6.8	−7.1	−7.0	−4.70
7	−7.0	−6.7	−6.7	−6.7	−6.6	−6.6	−6.8	−6.9	−6.6	−6.2	−6.0	−5.8	−5.6	−6.2	−6.8	−8.0	−8.4	−8.8	−9.0	−9.3	−9.4	−9.7	−9.8	−9.9	−7.48
8	−10.2	−10.3	−10.6	−10.9	−11.2	−11.4	−11.4	−11.1	−10.8	−10.6	−10.4	−10.4	−10.4	−10.5	−10.8	−11.4	−11.5	−11.4	−11.3	−11.3	−11.2	−11.2	−11.3	−11.6	−10.97
9	−12.2	−12.7	−12.8	−12.8	−12.7	−13.0	−13.2	−12.8	−12.0	−11.6	−11.3	−11.0	−11.0	−11.1	−11.5	−12.0	−12.0	−11.7	−11.0	−10.8	−10.0	−9.5	−8.5	−7.0	−11.48
10	−7.1	−7.0	−6.8	−6.4	−6.4	−6.8	−6.0	−5.6	−5.2	−4.6	−3.8	−3.8	−3.6	−3.3	−2.2	−3.6	−3.6	−3.5	−3.2	−3.0	−3.0	−3.0	−3.0	−3.2	−4.50
11	−3.8	−3.4	−3.4	−3.4	−3.2	−3.0	−2.5	−1.8	−0.6	0.0	−0.2	−0.7	−1.0	−1.0	−1.2	−1.2	−1.4	−1.2	−0.8	−0.6	0.0	0.0	0.0	−0.1	−1.40
12	−0.2	−0.3	0.3	0.6	0.6	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.3	0.1	0.1	0.2	0.2	0.3	0.1	0.0	0.1	0.45
13	0.1	0.2	0.4	0.3	0.0	−0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.0	−0.3	−1.4	−1.5	−1.7	−2.1	−2.4	−2.6	−2.8	−2.8	−3.0	−3.0	−0.90
14	−3.0	−3.0	−3.0	−3.0	−3.2	−3.2	−3.2	−2.9	−2.5	−1.8	−1.4	−0.8	−0.7	−1.5	−2.6	−3.0	−3.2	−3.5	−3.7	−3.8	−4.1	−4.2	−4.8	−6.0	−3.00
15	−7.6	−8.3	−8.6	−9.1	−10.1	−11.0	−11.4	−11.7	−11.5	−11.8	−11.3	−10.8	−10.7	−11.1	−11.8	−12.2	−12.0	−11.0	−10.7	−9.5	−7.5	−6.8	−6.5	−5.2	−9.92
16	−3.7	−3.2	−3.0	−2.7	−2.5	−2.3	−2.1	−1.8	−1.7	−1.6	−1.4	−1.3	−1.0	−1.0	−1.0	−1.0	−1.2	−1.6	−2.1	−2.4	−2.6	−3.0	−2.9	−2.9	−2.08
17	−2.8	−2.6	−2.5	−2.3	−2.0	−1.9	−1.8	−1.7	−1.5	−1.2	−1.2	−1.2	−1.2	−1.3	−1.6	−1.9	−2.1	−3.3	−5.0	−5.8	−5.9	−6.1	−6.8	−8.1	−2.99
18	−8.8	−9.3	−9.4	−9.6	−9.6	−9.7	−10.1	−10.3	−10.4	−10.5	−10.3	−10.2	−9.2	−9.2	−9.3	−9.3	−10.0	−9.8	−9.7	−9.7	−9.8	−11.0	−12.0	−12.5	−10.03
19	−12.8	−12.9	−13.5	−13.9	−14.5	−14.9	−15.0	−14.8	−14.7	−14.3	−13.9	−13.1	−13.0	−13.0	−13.0	−13.0	−13.2	−13.3	−13.4	−13.6	−13.7	−13.7	−13.8	−13.8	−13.70
20	−13.9	−13.9	−14.0	−14.0	−14.1	−14.0	−14.0	−13.7	−13.3	−13.0	−13.2	−13.1	−12.5	−13.5	−13.6	−14.2	−14.4	−14.5	−14.6	−14.5	−14.6	−14.5	−14.6	−14.8	−13.94
21	−15.0	−15.0	−15.0	−15.2	−15.2	−15.8	−15.5	−15.6	−13.7	−13.4	−13.0	−12.6	−12.4	−12.9	−13.1	−13.6	−13.7	−14.1	−14.4	−14.4	−14.4	−14.4	−14.3	−14.2	−14.20
22	−14.2	−14.3	−14.5	−14.5	−14.5	−14.5	−14.4	−14.2	−13.8	−13.6	−13.4	−13.6	−13.8	−14.2	−14.3	−14.4	−14.7	−14.9	−15.0	−15.0	−15.2	−15.3	−15.3	−15.3	−14.45
23	−15.2	−15.0	−15.0	−15.3	−15.4	−15.0	−15.1	−15.1	−14.8	−14.2	−14.1	−14.3	−13.4	−13.9	−14.0	−13.8	−13.2	−12.8	−12.7	−12.5	−12.0	−12.0	−12.0	−12.0	−13.87
24	−12.0	−11.8	−11.5	−11.2	−11.0	−11.0	−10.8	−10.1	−9.3	−8.4	−8.3	−8.1	−8.0	−8.1	−8.3	−8.6	−9.2	−9.2	−8.9	−8.8	−9.0	−9.1	−8.9	−8.7	−9.51
25	−8.6	−8.6	−8.7	−8.7	−8.7	−8.5	−8.3	−7.7	−7.2	−6.8	−6.2	−5.2	−4.8	−4.9	−5.1	−5.6	−5.7	−5.8	−5.7	−5.3	−4.8	−4.8	−4.8	−4.8	−6.47
26	−4.8	−4.7	−4.1	−4.0	−4.0	−4.0	−3.9	−3.8	−3.4	−2.6	−2.6	−3.5	−2.4	−2.6	−2.7	−2.8	−3.0	−3.1	−3.2	−3.3	−3.2	−3.3	−3.5	−3.7	−3.38
27	−3.7	−3.8	−3.9	−4.0	−4.0	−5.0	−4.2	−4.3	−4.1	−3.4	−3.5	−2.5	−3.4	−3.8	−4.1	−3.2	−4.5	−4.4	−4.0	−3.7	−3.5	−3.4	−3.3	−3.0	−3.86
28	−2.8	−2.7	−2.5	−2.2	−1.9	−1.6	−1.0	−0.5	0.0	0.0	0.2	0.6	0.6	0.4	0.0	−0.4	−1.0	−2.5	−5.3	−5.8	−6.0	−6.2	−6.2	−5.4	−2.18
29	−4.8	−4.4	−4.6	−4.7	−4.8	−4.9	−5.1	−5.0	−4.6	−4.5	−4.6	−4.2	−3.8	−4.0	−4.3	−4.4	−4.4	−4.4	−7.0	−7.4	−8.3	−8.4	−8.4	−8.3	−5.39
30	−7.6	−9.1	−9.3	−9.2	−9.1	−9.0	−8.9	−7.9	−7.8	−7.0	−7.0	−6.6	−6.6	−7.2	−7.5	−7.8	−7.9	−7.7	−7.6	−7.6	−7.5	−7.6	−7.9	−7.8	−7.92
M.	−6.22	−6.30	−6.26	−6.31	−6.38	−6.47	−6.37	−6.04	−5.58	−5.14	−5.02	−4.88	−4.78	−5.15	−5.55	−5.91	−6.07	−6.21	−6.40	−6.45	−6.37	−6.46	−6.54	−6.54	−5.98

Dezember 1923. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−7.5	−7.1	−6.6	−6.7	−6.5	−6.4	−6.4	−7.7	−7.0	−6.7	−4.6	−3.8	−3.5	−3.8	−5.6	−6.0	−7.1	−7.0	−7.3	−7.8	−8.0	−8.0	−8.0	−8.0	−6.55
2	−7.8	−6.7	−8.6	−9.2	−9.6	−9.2	−8.8	−8.1	−7.5	−6.8	−6.7	−6.8	−7.0	−7.5	−8.2	−9.0	−9.8	−0.0	−10.1	−10.0	−9.3	−8.8	−8.7	−8.4	−8.44
3	−7.7	−8.3	−8.8	−8.6	−8.8	−8.7	−8.4	−8.5	−8.4	−8.5	−9.5	−9.6	−10.5	−11.1	−11.4	−11.5	−12.0	−12.0	−12.2	−12.0	−12.2	−12.4	−12.9	−13.0	−10.29
4	−13.2	−13.0	−13.0	−13.4	−13.0	−12.8	−12.8	−13.0	−12.6	−12.4	−12.2	−11.1	−11.6	−11.4	−12.3	−13.6	−14.3	−14.6	−14.5	−14.0	−12.8	−9.8	−8.6	−8.2	−12.43
5	−8.0	−8.1	−8.6	−8.3	−8.1	−8.5	−7.5	−7.5	−8.1	−8.0	−7.7	−7.7	−7.8	−8.0	−8.0	−8.6	−9.5	−9.2	−9.6	−9.5	−9.0	−9.0	−8.7	−9.0	−8.42
6	−8.7	−7.0	−7.6	−8.9	−9.1	−9.0	−9.0	−8.9	−8.8	−8.6	−8.7	−8.8	−8.9	−9.0	−9.0	−9.0	−9.2	−9.5	−9.4	−10.2	−10.3	−10.4	−10.6	−11.5	−9.17
7	−11.2	−11.3	−11.2	−11.3	−11.1	−11.0	−10.8	−10.7	−10.6	−10.3	−10.2	−10.2	−10.2	−10.3	−10.5	−10.6	−10.2	−9.9	−9.1	−8.8	−8.2	−7.8	−7.7	−8.1	−10.05
8	−8.6	−8.6	−8.7	−8.7	−8.9	−9.0	−8.8	−8.4	−8.0	−7.8	−7.9	−8.0	−8.0	−8.7	−8.9	−9.4	−9.1	−8.1	−7.9	−6.6	−6.0	−5.7	−5.7	−5.8	−7.97
9	−6.1	−5.1	−4.8	−4.5	−4.4	−4.5	−4.2	−4.0	−4.2	−3.8	−3.7	−3.9	−4.6	−5.3	−5.7	−6.0	−5.9	−5.3	−5.1	−5.1	−5.2	−5.6	−5.2	−4.8	−4.87
10	−5.0	−.51	−4.8	−4.8	−4.7	−4.3	−4.5	−5.0	−5.0	−4.9	−4.6	−5.0	−5.3	−5.2	−5.7	−5.4	−5.7	−5.5	−5.1	−4.7	−4.4	−4.6	−4.5	−4.1	−4.91
11	−4.5	−4.7	−5.1	−5.0	−4.9	−4.8	−4.5	−4.5	−3.2	−2.2	−1.7	−1.3	−0.7	−1.0	−2.2	−2.8	−2.5	−2.7	−3.0	−3.3	−3.0	−3.2	−3.5	−3.3	−3.25
12	−3.3	−3.4	−3.5	−3.5	−3.3	−3.3	−3.2	−3.0	−2.6	−2.0	−1.5	−1.1	−1.0	−1.3	−1.9	−2.8	−3.1	−3.4	−3.1	−3.0	−2.8	−2.8	−2.7	−2.7	−2.68
13	−2.7	−2.8	−3.4	−3.5	−3.6	−3.6	−3.7	−3.6	−2.8	−2.6	−2.6	−2.8	−3.2	−3.8	−4.6	−5.2	−5.1	−5.0	−5.7	−6.0	−6.7	−6.8	−6.7	−6.9	−4.31
14	−6.9	−7.0	−7.1	−7.0	−7.8	−7.5	−7.2	−6.7	−6.0	−5.4	−5.5	−5.7	−5.3	−6.2	−6.5	−6.0	−6.3	−6.3	−6.2	−6.3	−6.5	−6.7	−6.6	−6.3	−6.46
15	−6.2	−6.9	−6.8	−7.5	−7.8	−8.1	−8.5	−8.8	−9.0	−8.6	−8.0	−9.8	−9.2	−9.7	−10.1	−11.2	−12.2	−11.8	−12.0	−12.2	−11.8	−11.7	−11.9	−11.6	−9.64
16	−12.0	−11.5	−12.3	−13.0	−12.9	−13.9	−13.9	−13.6	−13.3	−12.8	−12.3	−13.0	−12.7	−12.7	−13.2	−13.5	−13.7	−14.0	−13.4	−9.5	−10.6	−8.7	−8.3	−7.9	−12.20
17	−7.5	−6.5	−6.1	−6.0	−5.8	−5.7	−5.4	−5.3	−4.9	−4.6	−5.1	−5.0	−6.5	−6.0	−5.5	−5.4	−6.2	−6.5	−6.7	−7.3	−7.0	−6.4	−6.3	−6.5	−6.00
18	−6.7	−7.0	−7.0	−6.9	−6.7	−6.5	−6.4	−6.3	−6.2	−6.2	−6.1	−6.2	−6.4	−6.7	−5.8	−4.9	−5.0	−5.6	−6.6	−7.3	−7.5	−7.6	−7.8	−8.3	−6.57
19	−8.5	−8.6	−8.7	−8.8	−8.9	−8.8	−8.8	−9.0	−9.9	−11.8	−12.6	−12.9	−13.4	−13.7	−13.8	−13.8	−14.0	−14.1	−14.0	−14.0	−14.1	−14.5	−14.8	−15.2	−11.95
20	−15.7	−16.5	−17.0	−17.5	−17.7	−18.0	−18.2	−18.1	−18.0	−17.8	−17.7	−17.6	−17.4	−17.5	−17.6	−17.8	−18.0	−18.2	−18.0	−18.2	−19.0	−19.5	−19.6	−19.4	−17.92
21	−19.0	−19.0	−19.2	−19.6	−19.8	−19.9	−20.0	−19.8	−19.3	−18.8	−18.4	−18.2	−18.0	−18.0	−18.0	−18.0	−18.5	−19.8	−21.4	−20.8	−21.2	−21.0	−18.9	−20.0	−19.36
22	−19.7	−19.7	−20.7	−20.4	−20.2	−20.0	−20.1	−19.7	−19.5	−19.3	−18.7	−18.6	−18.0	−17.9	−17.7	−17.8	−18.2	−18.3	−18.1	−17.4	−16.8	−15.8	−14.9	−14.0	−18.40
23	−13.1	−12.5	−11.7	−11.0	−10.3	−9.7	−9.2	−8.8	−8.8	−8.6	−8.3	−7.8	−7.6	−8.0	−9.9	−11.1	−12.3	−13.4	−14.1	−14.9	−15.4	−16.0	−16.1	−16.2	−11.45
24	−16.1	−16.0	−15.7	−15.5	−15.2	−15.0	−15.0	−14.7	−14.3	−13.7	−13.6	−13.6	−13.6	−13.6	−13.2	−12.5	−11.8	−11.1	−10.2	−9.6	−9.2	−9.0	−9.1	−9.6	−12.95
25	−10.5	−12.0	−13.7	−15.9	−17.6	−18.9	−19.4	−19.4	−19.3	−19.4	−20.0	−19.7	−18.8	−19.1	−19.7	−19.8	−19.0	−17.5	−18.3	−18.5	−16.5	−16.0	−16.4	−15.9	−17.55
26	−15.7	−15.1	−14.1	−13.7	−10.8	−8.7	−7.8	−7.7	−7.6	−7.6	−7.5	−7.8	−7.0	−7.2	−7.7	−8.4	−8.6	−8.5	−8.4	−8.2	−8.2	−8.2	−8.1	−8.2	−9.18
27	−8.4	−8.4	−8.4	−8.4	−8.4	−8.4	−8.4	−8.5	−8.5	−8.5	−8.6	−8.5	−8.0	−8.0	−8.0	−8.2	−8.3	−8.3	−8.4	−8.5	−8.5	−8.6	−8.7	−9.0	−8.41
28	−9.5	−9.2	−8.6	−8.6	−8.6	−7.1	−5.6	−4.8	−4.7	−4.6	−4.5	−4.7	−5.1	−5.3	−5.6	−5.8	−6.2	−6.5	−6.7	−6.8	−6.8	−7.3	−9.2	−10.5	−6.76
29	−11.0	−11.9	−13.6	−15.4	−17.0	−18.2	−18.5	−18.5	−17.9	−17.5	−17.3	−16.9	−16.5	−15.8	−16.0	−17.0	−17.3	−17.0	−17.0	−16.3	−16.7	−16.8	−17.3	−18.7	−16.50
30	−18.1	−18.2	−18.5	−17.2	−17.0	−17.0	−17.0	−16.6	−16.2	−15.8	−15.8	−15.7	−15.7	−15.7	−15.8	−15.8	−15.6	−15.4	−15.4	−15.5	−15.5	−15.7	−15.7	−15.9	−16.28
31	−15.8	−15.7	−15.8	−16.7	−17.8	−17.8	−17.8	−17.7	−17.1	−17.0	−16.8	−18.1	−18.4	−18.6	−18.9	−19.5	−19.7	−19.7	−20.0	−20.3	−20.1	−19.8	−19.6	−20.2	−18.29
M.	−10.15	−10.09	−10.31	−10.50	−10.52	−10.46	−10.32	−10.22	−9.98	−9.76	−9.63	−9.66	−9.67	−9.87	−10.23	−10.53	−10.79	−10.78	−10.87	−10.73	−10.62	−10.46	−10.41	−10.55	−10.30

1923. **Tägliche Maxima und Minima der Lufttemperaturen.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	−8.7	−11.9	−2.2	−5.5	−8.8	−10.6	−1.1	−6.4	3.0	−2.3	5.0	−0.6	5.2	1.5	6.2	1.0	3.5	−3.0	**10.6**	3.0	**8.0**	3.1	−3.5	−8.0
2	−8.2	−11.8	−1.6	−5.8	−4.2	−10.2	−1.6	−5.9	5.8	1.4	1.8	−0.8	2.3	0.7	12.6	0.8	3.3	−3.2	3.4	1.3	4.2	−0.7	−6.7	−10.1
3	−6.4	−10.8	−0.5	−4.3	−6.7	−10.8	−2.4	−6.4	3.2	0.5	5.4	−0.4	4.8	**0.5**	9.5	5.3	1.6	−0.7	1.9	−2.2	1.9	−2.2	−7.7	−13.0
4	−6.8	−9.9	−1.9	−6.4	−9.4	−11.6	−1.4	−5.7	5.0	0.1	−0.2	−5.3	8.6	1.5	8.6	4.0	1.2	−2.0	−1.5	−8.6	−1.8	−3.9	−11.1	−14.6
5	−6.1	−8.5	−6.0	−9.1	−9.0	−10.8	−2.2	−6.0	6.9	2.4	−4.0	−7.1	11.2	4.6	12.6	6.3	3.4	−2.3	−6.2	−8.4	−4.1	−6.2	−7.5	−9.6
6	−5.3	−10.1	−3.4	−8.4	−9.4	−12.4	−3.6	−6.7	9.4	4.4	−4.5	−7.1	12.4	7.7	11.6	6.9	3.4	−1.0	−1.8	−7.0	−1.4	−7.1	−7.0	−11.5
7	−8.9	−10.7	−7.0	−10.0	−6.5	−10.9	−3.6	−6.8	**11.8**	5.4	−4.0	−6.2	13.0	6.5	13.0	7.7	7.1	1.3	−3.8	−7.3	−5.6	−9.9	−7.7	−11.3
8	−5.1	−10.0	**0.0**	−7.8	−6.6	−10.5	−4.0	−7.8	9.8	4.5	0.0	−7.1	11.0	6.4	12.4	8.0	6.8	1.8	−1.4	−5.5	−10.2	−11.6	−5.7	−9.4
9	−5.6	−8.5	−4.5	−9.3	−9.5	−11.6	−0.2	−7.7	5.8	1.0	−4.7	−1.2	11.0	7.1	15.3	8.8	9.9	2.8	1.6	−2.2	−7.0	−13.2	−3.7	−6.1
10	−7.6	−11.3	−5.6	−9.4	−7.5	−12.5	−1.2	−5.9	1.1	−9.2	**10.0**	2.5	13.5	8.4	**18.7**	11.9	8.8	4.7	4.0	0.8	−3.0	−7.1	−4.1	−5.7
11	−11.7	−14.8	−4.7	−8.3	−9.9	−13.3	2.8	−1.6	−5.3	−10.2	6.9	−0.8	14.8	10.0	15.0	7.0	7.8	4.0	3.8	0.8	0.0	−3.4	**−0.7**	−5.1
12	−13.8	−15.0	−8.3	−11.7	−9.0	**−13.6**	**4.2**	−1.0	−1.5	−10.5	−1.3	−4.2	15.7	11.0	11.2	6.9	9.1	3.8	7.8	0.2	1.0	−0.3	−1.0	−3.5
13	−13.8	−16.7	−8.5	−12.2	−7.0	−12.4	2.8	−2.2	−1.0	**−10.6**	0.6	−4.4	16.4	10.8	12.2	7.6	9.0	4.7	3.8	−3.6	0.4	−3.0	−2.6	−6.9
14	−9.0	−18.6	−10.6	−13.5	−6.0	−10.0	−1.4	−9.3	0.2	−3.2	−0.1	−3.7	**18.2**	12.4	14.6	8.0	8.0	4.2	−2.8	−7.9	−0.7	−6.0	−5.3	−7.8
15	−10.5	−12.8	−8.7	−12.2	−6.0	−8.9	−6.4	**−10.4**	0.0	−6.9	−1.2	−4.8	17.0	5.5	16.0	7.0	6.0	1.6	−6.1	**−9.6**	−5.2	−12.2	−6.2	−12.2
16	−11.8	−16.1	−8.6	−6.2	−3.4	−8.3	−5.0	−8.3	3.5	−8.9	−0.2	−4.8	7.3	4.4	6.1	−0.9	9.3	1.4	−2.2	−6.1	−1.0	−3.7	−7.9	−13.9
17	−16.8	−18.7	−8.0	−10.6	−3.2	−6.0	−6.0	−9.3	−1.2	−8.4	−4.5	−8.9	10.6	4.9	5.0	−0.7	7.8	3.3	−2.3	−8.7	−1.2	−8.1	−4.6	−7.5
18	−17.5	−19.1	−7.9	−11.0	−4.6	−7.2	−2.2	−7.2	−5.0	−10.0	−5.2	**−9.4**	10.0	2.7	4.8	0.2	6.8	−3.0	3.5	−1.8	−8.8	−12.5	−4.9	−8.3
19	−12.5	**−20.8**	−8.1	−11.2	−3.2	−6.7	−4.5	−8.1	−3.3	−8.7	−2.2	−5.6	5.1	1.4	−0.1	−1.3	−2.6	−5.2	5.0	0.8	−12.8	−15.0	−8.5	−15.2
20	−10.3	−14.4	−10.0	−13.4	−2.0	−6.0	−3.0	−8.4	−0.7	−7.2	−1.0	−3.9	8.2	0.8	3.4	1.0	−2.0	−5.3	7.8	5.0	−12.5	−14.8	−15.7	−19.6
21	−13.2	−17.0	−10.0	**−14.0**	−2.0	−5.0	0.0	−3.8	3.0	−3.1	1.2	−2.7	9.0	5.1	12.2	3.5	0.0	**−5.8**	7.7	3.5	−12.4	**−15.8**	−18.0	**−21.4**
22	−8.1	−16.5	−7.5	−11.8	−2.0	−4.5	1.0	−3.7	3.0	−2.0	0.3	−2.4	9.7	5.0	10.0	−1.2	0.7	−1.4	3.3	−1.0	−13.4	−15.3	−14.0	−20.7
23	−9.5	−16.0	−7.9	−11.5	−0.3	−3.8	−0.4	−4.3	6.6	−0.8	2.6	−0.3	10.4	4.6	8.6	−1.0	4.6	−3.2	1.7	−1.0	−12.0	−15.4	−7.6	−16.2
24	−2.7	−13.0	−5.0	−10.0	**0.0**	−4.3	−2.8	−8.1	7.2	0.0	8.7	2.0	6.4	4.6	8.8	0.7	−2.4	−5.3	4.7	0.4	−8.0	−12.0	−9.0	−16.1
25	**−2.0**	−4.7	−6.1	−7.8	−0.3	−2.9	−1.5	−7.7	5.2	−0.5	6.8	2.9	7.5	5.3	0.6	−0.5	2.0	−5.4	7.0	3.8	−4.8	−8.7	−10.5	−20.0
26	−2.2	−5.9	−4.0	−8.3	−0.4	−3.0	−0.2	−4.9	6.2	−2.8	2.0	−2.7	6.3	5.0	8.4	−0.8	1.2	−1.7	6.8	−0.2	−2.4	−4.8	−7.0	−15.7
27	−2.1	−6.5	−6.0	−9.5	−0.6	−4.0	0.3	−5.3	2.8	−2.8	−0.6	−4.0	4.2	2.1	12.2	−0.7	2.5	−1.8	4.5	1.3	−3.0	−5.0	−8.0	−9.0
28	−6.3	−8.4	−8.7	−10.0	−0.2	−4.6	−1.5	−7.6	2.8	−6.0	3.2	−3.9	9.4	2.4	0.2	**−2.0**	6.0	2.2	4.9	2.0	0.6	−6.2	−4.5	−10.5
29	−7.1	−11.2			−1.8	−5.2	−4.4	−7.6	2.8	−4.9	1.3	−2.2	5.8	1.0	7.8	**−2.0**	8.2	3.1	4.0	1.0	−3.8	−8.4	−11.0	−18.7
30	−7.1	−10.0			**0.0**	−5.6	−1.0	−6.3	5.0	1.4	3.3	−2.3	6.1	1.0	5.8	3.0	**10.1**	6.0	5.4	1.9	−6.6	−9.3	−15.4	−18.5
31	−5.2	−7.0			−1.3	−5.9			7.5	2.0			11.4	4.1	6.2	3.4			7.0	2.0			−15.7	−20.3
Mittl. Max.	−8.45		−6.12		−4.54		−1.69		3.21		1.16		9.76		9.34		4.70		2.65		−4.19		−7.83	
Mittl. Min.	−12.47		−11.22		−8.16		−6.35		−3.09		−3.31		4.81		3.16		−1.80		−1.72		−7.96		−12.47	
Differenz	4.02		5.10		3.62		4.66		6.30		4.47		4.95		6.18		6.50		4.37		3.77		4.64	
Abs. Max.	−2.0		0.0		0.0		4.2		11.8		10.0		18.2		18.7		10.1		10.6		8.0		−0.7	
Abs. Min.	−20.8		−13.4		−13.6		−10.4		−10.6		−9.4		0.5		−2.0		−5.8		−9.6		−15.8		−21.4	
Differenz	−18.8		13.4		13.6		14.6		22.4		19.4		17.7		20.7		15.9		20.2		23.8		20.7	

1923. **Uebersicht über den täglichen Gang der Temperatur.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	−10.39	−0.25	−0.39	−0.56	**−0.65**	−0.59	−0.47	−0.38	−0.07	0.31	0.54	0.51	0.52	**0.58**	0.39	0.37	0.14	−0.01	−0.01	0.05	0.02	−0.01	−0.06	−0.01	−0.02
Febr.	−7.94	−0.05	−0.09	−0.26	−0.17	−0.31	−0.47	**−0.54**	−0.20	0.10	0.39	0.55	**0.77**	0.71	0.58	0.30	0.10	−0.17	−0.30	−0.29	−0.26	−0.15	−0.07	−0.19	−0.07
März	−6.40	−0.88	−0.74	−0.63	−0.52	−0.53	−0.51	−0.12	0.31	0.72	1.23	1.17	1.22	**1.40**	1.11	1.17	0.49	0.20	−0.13	−0.42	−0.68	−0.86	−0.84	**−0.92**	−0.68
April	−4.07	−1.11	**−1.12**	−1.06	−1.09	−1.11	−0.82	−0.34	0.23	0.83	1.40	1.51	1.57	**1.83**	1.73	1.32	0.78	0.40	−0.02	−0.50	−0.75	−0.89	−0.92	−0.86	−0.92
Mai	0.04	−1.54	−1.61	−1.79	**−1.87**	−1.50	−0.70	−0.03	0.43	0.97	1.50	1.72	1.98	**2.39**	2.13	1.56	1.08	0.73	0.26	−0.29	−0.70	−0.92	−1.13	−1.26	−1.31
Juni	−0.92	−0.93	−1.12	−1.20	**−1.21**	−1.06	−0.74	−0.41	−0.03	0.45	0.92	1.04	1.12	1.30	**1.31**	1.20	1.07	0.94	0.58	0.10	−0.33	−0.64	−0.76	−0.80	−0.83
Juli	7.29	−1.58	**−1.64**	−1.62	−1.59	−1.31	−0.71	−0.24	0.22	0.72	1.13	1.40	1.66	**2.00**	1.80	1.53	1.16	0.97	0.64	1.13	−0.39	−0.72	−0.97	−1.21	−1.32
Aug.	6.37	−1.37	−1.44	**−1.50**	−1.45	−1.36	−0.95	−0.44	0.15	0.66	1.16	1.27	1.65	**1.86**	1.68	1.42	1.20	1.22	0.66	0.16	−0.39	−0.74	−0.98	−1.19	−1.33
Sept.	2.16	−1.03	−1.06	−1.11	**−1.13**	−1.09	−0.96	−0.65	−0.26	0.30	1.04	1.16	1.37	**1.50**	1.32	1.16	1.12	0.81	0.44	0.02	−0.30	−0.45	−0.59	−0.69	−0.85
Okt.	0.49	−0.37	−0.44	−0.57	−0.63	**−0.64**	−0.57	−0.43	−0.08	0.28	0.77	0.97	1.20	**1.31**	1.03	0.65	0.31	−0.05	−0.25	−0.32	−0.46	−0.42	−0.48	−0.43	−0.42
Nov.	−5.98	−0.24	−0.32	−0.28	−0.33	−0.40	−0.49	−0.39	−0.06	0.40	0.84	0.96	1.10	**1.20**	0.83	0.43	0.07	−0.09	−0.23	−0.42	−0.47	−0.39	−0.48	**−0.56**	**−0.56**
Dez.	−10.30	0.15	0.21	−0.01	−0.20	−0.22	−0.16	−0.02	0.08	0.32	0.54	**0.67**	0.64	0.63	0.43	0.07	−0.23	−0.49	−0.48	**−0.57**	−0.43	−0.32	−0.16	−0.11	−0.25

Januar 1923. **Stündliche Barometerstände** (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	50.2	50.2	50.3	50.3	50.3	50.7	51.3	52.2	53.0	53.5	53.8	54.0	54.2	54.5	55.2	55.8	56.6	56.9	57.5	58.1	58.6	59.2	59.5	59.8	54.40
2	60.0	60.2	60.5	60.8	61.0	61.2	61.3	61.3	61.4	61.8	61.8	61.7	61.7	61.9	61.8	61.8	61.9	61.9	61.9	61.7	61.5	61.4	61.3	61.1	61.37
3	60.9	60.7	60.3	59.8	59.5	59.3	59.2	59.2	59.2	59.0	58.7	58.4	58.1	58.0	58.0	57.8	57.6	57.6	57.6	57.5	57.3	57.2	57.1	57.0	58.54
4	57.0	57.0	56.9	56.4	56.4	56.4	56.5	56.9	57.0	57.2	57.1	57.1	57.1	57.3	57.5	57.6	57.8	57.9	58.1	58.3	58.3	58.4	58.4	58.5	57.38
5	58.5	58.5	58.4	58.4	58.3	58.4	58.4	58.5	58.5	58.6	58.3	58.1	57.8	57.6	57.5	57.5	57.4	57.3	57.1	57.1	57.0	57.0	56.7	56.5	57.81
6	56.2	56.0	55.8	55.6	55.6	55.7	55.8	56.0	56.3	56.8	56.8	56.7	56.7	57.0	57.3	57.8	58.0	58.3	58.5	59.1	59.5	59.6	59.8	59.9	57.30
7	60.0	60.3	60.4	60.5	60.6	60.8	61.2	61.4	61.5	61.6	61.5	61.3	61.2	61.0	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	60.96
8	60.9	60.8	60.5	60.3	60.1	60.1	60.2	60.6	60.8	61.0	60.8	60.5	60.2	60.3	60.6	60.8	61.1	61.2	61.4	61.6	61.7	61.6	61.4	61.3	60.90
9	61.4	61.7	61.8	61.7	61.7	61.8	61.9	62.0	62.4	62.6	62.5	62.3	62.1	62.5	62.7	62.8	62.7	62.7	62.5	62.3	62.1	62.0	62.0	61.7	62.16
10	61.5	61.4	61.2	60.4	60.1	60.0	59.9	59.9	59.8	59.8	59.0	58.3	57.9	57.7	57.7	57.6	57.3	57.3	56.7	56.2	55.9	55.5	55.1	54.7	58.37
11	54.6	54.5	54.1	53.9	53.6	53.5	53.5	53.5	53.6	53.7	53.5	53.2	52.9	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.2	53.48
12	53.0	52.9	52.7	52.5	52.3	52.3	52.4	52.3	52.3	52.3	52.0	52.0	51.9	52.0	52.2	52.4	52.3	52.3	52.5	52.8	53.0	53.1	53.2	53.3	52.50
13	53.4	53.5	53.6	53.6	53.8	54.3	54.7	55.3	55.7	56.0	56.0	56.1	56.4	56.7	57.0	57.6	57.7	57.9	58.2	58.4	58.6	58.6	58.6	58.7	56.27
14	58.7	58.7	58.8	58.8	58.8	59.0	59.4	59.7	59.9	60.0	60.2	60.0	60.0	60.2	60.3	60.6	61.0	61.6	61.5	61.4	61.5	61.6	61.6	61.6	60.20
15	61.6	62.2	62.3	62.3	62.3	62.5	62.5	62.4	62.3	62.7	62.4	62.0	61.9	62.5	62.3	62.5	62.7	62.4	62.0	61.7	61.5	61.1	60.9	60.4	62.06
16	60.0	59.3	59.0	57.6	56.6	57.1	57.2	57.0	56.9	56.9	56.3	55.7	55.8	55.8	55.5	55.6	55.7	55.9	56.0	56.0	55.8	55.6	55.3	55.6	56.59
17	55.7	55.8	55.7	55.6	55.8	56.0	56.1	56.3	56.5	56.7	56.9	56.8	56.9	57.5	57.9	58.1	58.3	58.4	58.7	58.8	58.9	58.9	58.9	59.0	57.26
18	59.0	58.8	58.7	58.6	58.3	58.3	58.6	58.7	58.9	58.8	58.7	58.6	58.6	58.7	58.8	58.9	59.2	59.4	59.6	59.7	59.9	60.0	60.2	60.2	59.05
19	60.2	60.4	60.9	61.1	60.8	59.7	60.8	61.9	62.4	62.6	62.4	62.0	61.9	62.0	62.3	62.5	62.5	62.9	62.8	62.5	62.1	61.7	61.8	61.7	61.75
20	61.5	61.3	60.7	59.9	59.0	58.3	57.3	56.1	55.3	54.7	53.5	52.8	52.4	52.6	52.1	51.7	51.4	51.5	51.5	52.0	52.0	52.1	52.3	52.5	54.77
21	52.9	53.4	53.8	54.2	54.5	55.0	55.7	56.4	57.0	57.4	57.7	57.8	57.8	58.2	58.5	58.8	59.2	59.4	59.9	60.1	60.1	60.1	60.1	60.2	57.42
22	60.3	60.6	60.7	60.8	61.0	61.3	61.7	62.3	62.8	63.2	63.4	63.4	63.4	63.5	63.7	64.1	62.1	64.3	64.5	64.5	64.5	64.3	64.0	63.6	62.92
23	63.3	63.1	63.0	62.3	61.9	62.0	61.9	61.8	62.1	62.6	62.8	63.0	63.1	63.4	63.7	64.0	64.4	64.8	65.2	65.3	65.3	65.0	64.9	65.0	63.50
24	65.1	65.4	65.7	66.0	66.3	66.7	66.9	67.3	68.0	68.6	68.6	68.5	68.5	68.8	69.2	69.4	69.6	69.8	70.0	70.1	70.3	70.3	70.3	70.3	68.32
25	70.5	70.5	70.4	70.2	70.1	70.3	70.5	70.6	70.6	70.6	70.5	70.2	69.8	69.8	69.7	69.6	69.6	69.6	69.6	69.5	69.4	69.3	69.3	69.0	69.97
26	69.0	69.0	69.0	68.9	68.7	68.7	68.9	69.3	69.6	69.6	69.0	68.6	68.3	68.2	68.3	68.4	68.4	68.3	68.3	68.2	68.0	67.8	67.7	67.4	68.57
27	67.0	66.9	66.5	66.3	66.0	65.9	65.6	65.5	65.5	65.4	65.2	64.8	64.2	64.0	63.7	63.5	63.4	63.5	63.3	63.2	63.2	63.0	62.9	62.7	64.63
28	62.5	62.4	62.3	62.2	62.2	62.1	62.1	62.3	62.4	62.4	62.7	62.7	62.8	62.9	63.1	63.1	63.3	63.6	63.9	64.0	64.0	64.0	64.0	64.0	62.96
29	63.8	63.7	63.3	63.0	62.7	62.3	62.1	62.0	61.8	61.5	61.3	60.9	60.6	60.3	60.2	60.2	59.7	60.0	60.5	60.6	60.6	60.3	60.1	59.9	61.31
30	59.5	59.1	59.0	58.8	58.6	58.5	58.7	59.1	59.4	59.5	59.7	59.8	59.8	60.0	60.6	60.9	61.3	61.5	62.0	62.3	62.5	62.7	63.0	63.3	60.40
31	63.5	63.5	63.5	63.6	63.7	63.6	63.4	63.4	63.3	63.5	63.5	63.7	63.9	64.4	64.9	65.5	65.6	65.8	66.1	66.3	66.5	66.5	66.4	66.2	64.60
M.	60.06	60.06	59.99	59.82	59.70	59.74	59.86	60.04	60.20	60.34	60.21	60.03	59.93	60.07	60.20	60.35	60.45	60.58	60.71	60.76	60.77	60.72	60.68	60.62	60.25

Februar 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	65.8	65.6	65.6	66.2	65.7	65.0	64.9	65.6	66.2	66.4	66.5	66.1	65.9	66.3	66.6	66.7	66.3	66.1	66.1	66.1	66.1	66.0	65.9	65.9	65.98
2	65.8	66.0	66.0	66.0	65.8	65.7	65.7	66.0	66.3	66.3	66.6	66.5	65.9	65.5	65.3	65.3	65.3	65.2	65.2	65.2	65.4	65.6	65.8	65.9	65.76
3	65.7	65.5	65.4	65.2	65.1	65.2	65.2	65.2	65.2	65.3	65.1	64.8	64.7	64.5	64.5	64.5	64.3	64.3	64.0	63.7	63.5	63.3	62.9	62.4	64.56
4	62.0	61.5	61.1	60.9	60.4	60.1	59.8	59.7	59.6	59.6	59.5	59.1	58.7	58.6	58.6	58.5	58.5	58.5	58.5	58.6	58.7	58.6	58.6	58.5	59.43
5	58.4	58.3	58.2	58.0	58.0	58.0	58.0	58.2	58.3	58.5	58.4	58.3	58.2	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.2	58.1	58.0	58.19
6	57.8	57.5	57.3	57.1	56.7	56.6	56.5	56.2	56.2	56.4	56.1	55.7	55.2	54.7	54.6	54.5	54.3	54.2	54.0	53.8	53.6	53.7	53.4	53.4	55.40
7	53.4	53.5	53.5	53.5	53.4	53.4	53.6	53.8	54.0	54.0	54.0	54.0	53.9	53.8	53.9	54.1	54.5	54.6	54.6	54.6	54.5	54.2	54.0	54.0	53.95
8	54.0	53.8	53.6	53.5	53.4	53.3	53.1	52.8	52.7	52.7	52.4	52.2	52.0	51.8	51.7	51.5	51.4	51.4	51.5	51.4	51.3	51.4	51.5	51.6	52.33
9	51.8	52.0	52.0	52.1	52.3	52.7	53.0	53.6	54.2	54.6	54.9	55.1	55.4	55.6	55.9	56.2	56.5	56.8	57.0	57.1	57.3	57.1	57.0	56.9	54.88
10	56.8	56.7	56.5	56.5	56.7	56.9	57.0	57.1	57.3	57.4	57.5	57.3	57.1	57.0	57.1	57.1	57.2	57.3	57.3	57.1	57.0	57.0	56.9	56.8	57.02
11	56.7	56.7	56.4	56.4	56.1	56.0	55.9	55.6	55.6	55.5	55.3	55.1	55.0	54.7	54.6	54.4	54.5	54.6	54.6	54.7	54.8	54.8	54.9	55.0	55.33
12	55.0	55.0	55.2	55.3	55.6	55.9	56.1	56.3	56.4	56.7	56.8	56.8	56.8	57.0	57.0	57.1	57.2	57.3	57.6	57.7	57.8	58.0	57.9	57.8	56.68
13	57.7	57.6	57.6	57.6	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	57.9	57.94
14	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.4	58.5	59.0	59.0	58.8	58.8	58.7	58.5	58.7	58.6	58.6	58.4	58.1	58.0	57.9	57.7	58.36
15	57.6	57.5	57.3	57.0	56.7	56.5	55.9	56.0	56.0	56.3	56.5	56.4	56.5	56.4	56.3	56.2	56.3	56.4	56.3	56.4	56.4	56.5	56.7	56.7	56.53
16	56.9	56.9	56.8	56.7	56.8	56.8	57.0	57.1	57.2	57.3	57.4	57.4	57.3	57.0	57.0	56.8	56.8	56.7	56.5	56.2	56.0	56.0	56.0	56.0	56.78
17	56.0	56.0	55.9	55.5	55.5	55.3	55.2	54.8	55.0	55.2	55.0	54.7	54.4	53.5	53.1	53.0	53.3	53.2	53.2	53.1	52.9	53.0	53.1	53.2	54.30
18	53.0	52.7	52.5	52.3	52.0	52.0	51.8	51.9	51.7	51.6	51.7	51.3	50.9	50.5	50.3	50.0	49.7	49.4	49.2	48.9	48.7	48.3	48.1	47.8	50.68
19	46.9	46.6	46.6	46.6	46.9	47.3	47.3	47.3	47.4	47.5	47.5	47.4	47.3	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.05
20	46.9	46.7	46.6	46.8	47.0	47.4	47.9	48.0	48.4	49.0	49.3	49.4	49.6	49.7	50.0	50.3	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.0	49.22
21	50.9	50.7	50.4	50.1	50.0	50.1	50.1	49.5	49.4	49.5	49.5	49.4	49.3	49.0	49.0	49.0	48.9	48.8	48.6	48.4	48.2	47.8	47.4	47.5	49.23
22	47.4	47.5	47.6	47.7	47.8	48.0	47.8	47.6	47.5	47.5	47.8	48.0	47.9	48.0	48.0	48.0	48.0	48.1	48.0	48.1	48.1	48.2	48.2	48.1	47.87
23	47.8	47.8	47.8	47.9	48.0	48.1	48.6	48.9	49.1	49.3	49.5	49.5	49.6	49.7	49.7	49.9	50.1	50.1	50.5	50.5	50.4	50.6	50.7	50.7	49.37
24	50.6	50.5	50.1	49.7	49.6	49.5	49.6	49.4	49.3	49.3	49.4	49.4	49.3	49.2	49.2	49.2	49.2	49.4	49.6	49.7	49.9	50.0	50.0	50.0	49.63
25	50.0	50.0	49.8	49.7	49.6	49.7	50.0	50.2	50.4	50.6	50.7	50.7	50.8	50.8	51.1	51.2	51.6	52.0	52.4	52.5	53.2	53.4	53.7	54.0	51.17
26	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.0	53.7	53.5	53.5	53.4	53.0	52.6	51.8	51.4	51.4	51.4	51.3	51.2	51.2	51.2	51.2	51.2	52.73
27	51.0	50.4	50.4	50.5	50.4	50.3	50.0	50.0	49.9	49.6	49.5	49.3	49.4	49.3	49.6	49.9	50.0	50.0	50.1	50.3	50.3	50.2	50.3	50.0	50.03
28	50.2	50.0	50.0	50.2	50.6	51.0	51.6	52.0	52.4	52.5	52.6	52.9	53.0	53.1	53.1	53.1	53.1	53.2	53.0	52.8	52.5	52.9	52.6	52.5	52.12
M.	54.93	54.83	54.72	54.68	54.64	54.68	54.71	54.75	54.85	54.95	55.00	54.90	54.79	54.64	54.63	54.63	54.68	54.71	54.72	54.67	54.65	54.65	54.60	54.56	54.78

März 1923. **Stündliche Barometerstände (500 mm +).** Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	52.5	52.2	52.0	51.5	51.1	51.3	51.8	52.6	53.1	53.5	53.5	53.3	53.5	53.7	54.0	54.2	54.8	55.1	55.6	55.7	56.0	56.0	55.9	55.8	53 70
2	55.5	55.2	55.0	54.7	54.6	54.0	53.7	53.6	53.4	54.3	54.0	54.3	53.9	53.7	53.5	53.4	53.3	52.9	52.6	52.0	51.2	50.3	49.5	48.8	53.23
3	48.0	47.5	47.0	46.7	46.3	45.2	45.1	45.2	45.3	45.4	45.0	44.6	44.4	44.1	44.2	44.4	44.4	44.7	45 0	45.2	45.6	45.5	45.6	45 8	45 42
4	45.8	45.9	46.0	46.3	46.3	46.4	46.9	47.1	47.5	48.0	48.3	48.8	49.2	49.6	49.7	49.9	50.3	51.1	51.5	52.0	52.5	52.9	53.3	53.6	49 12
5	53.9	54.1	54 3	54.7	55.0	55.4	55.9	56.3	56.7	57.0	57.2	57.3	57.5	57.7	58.1	58.4	58.6	58.9	59.0	59.3	59.6	59.6	59.7	59.7	57.25
6	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	60.0	60.1	60.2	60.1	59.9	59.8	59.6	59.5	59.3	59.3	59.3	59.1	59.0	58.7	58.4	58.2	59 52
7	58.0	57.7	57.3	57.0	56.7	56.1	55.9	55.8	55.6	55.7	55.5	55.2	54.8	54.5	54.2	54.3	54.3	54 2	54.3	54.3	54.0	53.7	53.3	53.2	55.29
8	53.1	53 0	52.8	52.6	52.6	52.4	52.4	52.4	52.4	52 5	52.6	52.7	52.8	52.7	52.6	52.4	52.6	52.5	52.9	52.9	52.9	52.8	52.8	52.9	52.68
9	52.9	52.8	52.7	52.9	53 0	53 0	52.9	53.0	53 0	53.0	53.1	53.2	53.2	53 0	53.1	53.2	53.2	53 3	53.3	53.3	53 5	53.3	53.2	53.0	53.09
10	53.0	52.8	52.7	52.7	52.6	52.6	52.7	52.6	52.6	52.6	52.5	52.5	52.5	52.8	52.2	52.1	52.1	52.1	52.0	52.1	52.1	52.0	52.0	52.0	52.32
11	51.8	51.7	51.7	51.7	51.6	51.7	51.9	52.0	52.1	52.4	52.7	52.8	52.9	53.2	53.4	53.7	54.0	54 3	54.5	54.7	54.8	55.0	55.1	55.3	53.13
12	55.4	55.5	55.8	56.0	56.8	56.7	57.1	57.3	57.4	57.9	58.1	58.3	58.6	58.7	58.8	59.0	59.2	59.5	60.0	60.1	60.2	60.2	60.0	60 0	58.18
13	59.9	59 8	59.6	59.5	59.4	59 3	59.3	59.5	59.5	59.6	59.4	59.2	59.1	58.8	58.7	58 6	58.4	58.5	58.4	58.4	58.4	58.3	58.0	58.0	58.98
14	57.7	57.4	57.0	56.6	56.3	56.2	56.1	56.0	56 0	55.9	55.8	55.6	55.3	55.0	54.7	54.7	54.7	54.8	54.9	54.9	54.7	54.6	54.5	54.4	55.57
15	54.3	54.3	54.3	54.5	54.8	55.1	55.6	55.9	56.3	56.5	56.8	56.9	57.0	57.3	57.5	57.8	58.0	58.4	58.8	59.1	59.3	59.4	59.5	59 6	56 96
16	59.7	59.7	59.8	59.7	59.7	59.9	60.1	60.2	60.3	60.5	60.9	61.1	61.3	61.4	61.5	61.7	61.8	61.9	62.1	62.2	62.3	62.3	62.3	62.4	61.03
17	62.2	62.0	61.8	61.7	61.6	61 5	61.6	61.7	61.7	62.0	62.0	62.0	61.9	61.8	61.7	61.6	61.5	61.5	61.4	61.4	61.3	61.2	61.1	61.0	61 63
18	60.9	60.7	60.5	60.3	60.2	60.3	60.4	60.6	60.7	60 9	61.0	61.1	61.3	61 5	61.6	61.7	61.9	62.0	62.0	62 1	62 1	62.0	62 0	62.0	61 24
19	61.7	61.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61 5	61.5	61.5	61.5	61 4	61.4	61.6	61.7	61.9	62.0	62.0	62.0	62.0	62.0	61 9	61.62
20	61 8	61.6	61.5	61.4	61.4	61.5	61.7	61.5	61.5	61.6	61.7	61.7	61.6	61.0	60.7	60.5	60.6	60.7	60.8	60.8	60.8	61.0	61 1	61.2	61 24
21	61.5	61.7	61.7	61.6	61.6	61.6	61.6	61.2	61.1	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.3	61.4	61.8	61.8	61.8	61.7	61.7	61.7	61.43
22	61.8	61.8	61.7	61.7	61.8	62.0	62.3	62.4	62.8	63.1	63.1	63.1	63.2	62 9	62.8	62.7	62.6	62.8	62.8	62.8	62.9	63 0	62.0	63.0	62 59
23	62.8	62.7	62.6	62.5	62.3	62.3	62.4	62.5	62.6	62.8	63.0	63.0	62.9	63 0	63.0	63.1	63.1	63 2	63.3	63.3	63.4	63.4	63.3	63 3	62 91
24	63.3	63.3	63.4	63.5	63.6	63 8	64.3	64.5	64.6	64.9	65.0	65.0	65.0	65.0	65.1	65.3	65.4	65.6	65.9	66.1	66.3	66.2	66.2	66 1	64 89
25	66.0	66.0	65 9	65.8	65.9	66.0	66.3	66.5	66.9	66.9	67 0	67.0	66.9	67.0	67.0	67.0	67.1	67.2	67.3	67 5	67.6	67.5	67.5	67 4	66 80
26	67.3	67.3	67.1	67.0	67.0	67.1	67.3	67.3	67.4	67.5	67.5	67.4	67.4	67.3	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.1	67.1	67.1	67 24
27	67.0	66.9	66.9	66.8	66.7	66.6	66.7	66.9	67.0	67.1	67.0	67.0	66.9	66.8	66.7	66.6	66.6	66.6	66.6	66.7	66.7	66.6	66.5	66.4	66.76
28	66.3	66.2	66.0	66.0	66.0	66.1	66.2	69.2	66.2	66.3	66.2	66.1	66.0	66 0	65.9	65.7	65.7	65.7	65.8	65.9	66.0	65.9	65.9	65.8	66.00
29	65.7	65.5	65 3	65.2	65.2	65.3	65.5	65.7	65.7	66.0	66.0	66.0	65.9	65.9	65.9	65.8	65.8	65 8	66.0	66.0	66.1	66.0	66.0	65.9	65.76
30	65.7	65.5	65.4	65.3	65.3	65.4	65.6	65.6	65.7	65.8	66.0	66.0	66.0	65.9	65.8	65.7	65.6	65 6	65.4	65 3	65.1	64.9	64.8	64.7	65.50
31	64.4	64.1	63.9	63.6	63.4	63.2	63.2	63.0	62.8	62.7	62.4	62.2	62.1	61 7	61.3	61.1	60.8	60.7	60.5	60.4	60.3	60.0	59 9	59.7	61.98
M.	59 02	58.91	58.80	58.78	58.69	58.68	58.88	58.92	59.01	59.19	59.23	59.23	59.21	59.15	59.13	59.16	59 22	59.34	59.45	59.51	59 54	59.46	59.40	59.35	59.13

April 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	59.4	59.2	59.0	58.9	59.0	59.0	59.3	59.5	59.9	60.3	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.8	61.0	61.0	60.9	60.9	60.9	60.9	60.16
2	60.7	60.6	60.5	60.5	60.5	60.6	60.7	61.0	61.1	61.3	61.3	61.5	61.6	61.6	61.6	61.7	61.9	62.0	62.2	62.3	62.4	62.4	62.4	62.4	61.45
3	62.3	62.2	62.0	61.9	61.9	62.0	62.0	62.2	62.3	62.3	62 3	62.3	62.4	62.3	62.0	61.8	61.5	61.3	61.3	61.2	60.9	60.5	60.3	60.2	61.78
4	59.9	59.5	59.3	59.0	58.7	58.5	58.4	58.2	58.1	58.0	58.0	58.0	58.0	57.9	57.8	57 6	57.5	57.4	57.3	57.3	57.2	57.1	57.0	56.8	58 02
5	56.6	56.4	56.3	56.1	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.1	56.0	55.8	55.7	55.6	55.6	55.7	55.6	55.6	55.6	55.6	55 95
6	55.6	55.5	55.4	55.3	55.2	54.9	54.8	54.8	54.7	54.7	54.6	54.5	54.3	54.2	54.2	54.2	54.1	54.1	54.1	54.1	54.1	53.9	53.9	53 9	54.55
7	53.8	53.7	53.6	53.5	53.4	53.4	53.5	53.5	53.6	53.8	53.6	53.5	53.4	53.2	53.1	52.9	52.8	52.8	52.7	52.5	52.5	52.2	52.0	52.0	53.12
8	52.0	51.6	51.4	51.1	51.0	50.7	50.5	50.5	50.4	50.4	50.4	50 3	50.3	50.0	49.9	49.8	49.7	49.7	49.6	49.6	49.6	49.4	49.4	49.3	50.28
9	49.2	49.1	49.0	49.0	49.0	49.2	49.3	49.4	49.9	50.3	50.4	50.5	50.8	51.1	51.3	51.7	51.9	52.2	52.7	53.0	53.3	53.6	54.0	54.1	51 00
10	54.3	54.5	54.7	54 9	55.2	55.8	56.1	56.7	57.0	57.4	57.9	58.1	58.2	58.3	58.6	58.8	59 0	59.1	59.3	59.7	60.0	60.1	60.2	60.2	57.67
11	60.2	60.2	60.1	60.1	60.2	60.3	60.5	60.7	61.0	61.3	61.5	61.5	61.3	61.0	60.8	60.6	60.5	60.5	60.5	60.6	60.1	60.0	60.0	60.5	60.58
12	59.7	59.7	59.6	59.4	59.3	59.2	59.2	59.2	59.4	59.7	59.6	59.4	59.0	58.5	58.2	58.0	57.6	57.3	57.1	57.8	57.0	56.8	56.8	56.8	58.49
13	56.7	56.5	56.4	56.2	56.0	55.8	55.7	55.7	55.8	55.9	55.9	55.8	55.7	55 5	55.2	54.9	54.6	54.5	54.5	54.5	54.3	53.9	53.7	53.4	55.30
14	52.8	52 5	52.1	51.8	51.6	51.4	51.4	51.3	51.1	50.9	50.5	50.4	50.4	50.1	50.0	49.8	49.5	49.6	50.0	50 2	50.6	50.6	50.8	50.7	50.84
15	50.5	50.4	50.3	50.0	49 9	49.9	50.0	50.0	50.0	50 3	50.4	50.6	50.8	50.8	50.9	51.1	51.4	51.7	52.0	52.0	52.1	52.1	52.1	52.1	50 89
16	52.1	52 8	52.8	52.8	52.4	52.5	52.8	53.0	53.8	53.5	53.7	53.7	53.6	53.7	53.8	54.0	54.0	54.1	54.4	54.7	54.7	54.7	54.7	54.6	53 54
17	54.6	54.5	54.6	54.7	54 8	55.0	55.2	55.3	55.5	55.8	56.2	56.3	56.7	56.8	57.0	57.3	57.5	57.7	58.0	58.1	58.2	58.1	58.1	58.0	56.42
18	57.9	57.7	57.5	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.5	57.4	57.4	57.3	57.1	57.1	57.0	56.9	56.8	56.7	56.7	56.7	56.6	56.5	57 21
19	56.4	56.3	56.0	55.5	55.5	55.6	55.4	55.4	55.4	55.3	55.2	55.0	54.7	54.5	54.4	54 3	54.4	54.4	54.5	54.6	54.6	54.5	54.5	54.4	55.03
20	54.3	54 0	53 8	53.6	53.4	53 4	53.4	53 4	53.4	53.6	53.6	53.6	53.8	54.0	53.9	53.6	53.4	53.3	53.2	53.2	53.9	53.0	53.2	53.0	53.50
21	52.6	52.2	51.7	51.5	50.7	50.5	50.1	49.5	49.2	49.2	49.0	48.0	48.2	48.4	48.0	47.9	48.1	48.7	48.9	49.5	49.9	50.3	50.8	51.0	49.75
22	51.1	51.1	51.0	51.0	51.1	51.5	51.9	52.5	52.7	52.8	52.8	52.8	52.9	52.7	52.6	52.5	52.4	52.4	52.5	52.6	52.6	52.4	52.8	52.2	52.18
23	52.1	52.1	52.1	52.1	52 2	52.4	52.8	53 0	53.3	53 6	53.8	54.0	54.3	54.4	54.5	54 7	54.8	54.8	55.3	55.8	55.8	56.0	56.1	56.1	54 00
24	56.2	56.2	56.3	56.4	56.4	56 6	56.7	57.1	57.3	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3	58.5	58.8	59.0	59.1	59.2	59.2	57.78
25	59.2	59.1	59.0	59.0	59 0	59.2	59.3	59.5	59.7	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.6	61.0	61.1	61.2	61.2	60.00
26	61.0	61.0	61.0	60.7	60.5	60.5	60.5	60.7	60.8	60.8	60.7	60.6	60.5	60.8	60.2	60.1	60.0	59.9	60.0	60.0	59.6	59.4	59.1	58.6	60.27
27	58.3	58.3	58.2	58.1	58.0	58.0	57.8	57.7	57.5	57.2	56.8	56.8	56.8	56.5	56.3	56.0	55.7	55.6	55.5	55.4	55.4	55 0	55.0	55.0	56.70
28	55.1	55.1	55.1	55.2	55.4	55.7	56.1	56.3	56.7	57.0	57.2	57.3	57.4	57.5	57.6	57.8	57.9	58.0	58.3	58.7	58.8	58.8	58.8	58.9	57.11
29	58.9	58.8	58.8	58.7	58.7	58.9	59.2	59.3	59.5	59.8	59.9	60.0	60.1	60.1	60.1	60.1	60.5	60.9	61.1	61.3	61.7	61.7	61.9	62.0	60.08
30	62.0	62.0	62.0	62.1	62.3	62.7	63.3	63.9	64.3	64.7	65.1	65.3	65.6	66.0	66.1	66.3	66.6	66.8	67.3	67.7	67.8	67.8	67.9	68.0	65.15
M.	56.18	56.08	55.97	55.87	55 82	55.89	55 98	56.09	56.22	56.37	56.41	56.40	56.44	56.39	56 34	56.32	56.30	56.36	56.49	56.62	56.66	56.59	56.62	56 57	56.29

Mai 1923 **Stündliche Barometerstände** (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	68.0	68.0	68.0	68.0	68.0	68.3	68.7	69.2	69.4	69.7	70.1	70.1	70.3	70.3	70.3	70.4	70.5	70.5	70.7	70.8	70.8	70.8	70.6	70.5	69.67
2	70.3	69.2	70.0	70.0	70.0	70.2	70.4	70.6	70.8	70.8	70.8	**70.9**	70.8	70.6	70.3	70.1	69.8	69.7	69.7	69.7	69.7	69.5	69.5	69.0	70.18
3	68.7	68.5	68.2	67.9	67.7	67.7	67.7	67.6	67.7	67.7	67.7	67.6	67.6	67.4	67.3	67.2	67.0	67.3	67.4	67.5	67.6	67.4	67.8	67.3	67.63
4	67.2	67.0	66.9	66.9	67.0	67.0	67.3	67.6	67.8	68 0	68.1	68.1	68.1	68.0	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.2	68.2	68.0	67.77
5	68 0	67.7	67.7	67.6	67.6	67.7	67.9	68.1	68.3	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69 0	68.9	68.9	69.0	69.0	69.0	69.0	69.0	68 52
6	68.9	68.9	68.9	68.8	69.0	69.3	69.6	69.7	70.0	70.1	70.2	70.2	70.2	70.1	70.1	70.0	70.0	70.0	70.2	70.3	70.5	70.7	70.8	70.7	69.88
7	70.5	70.3	70.2	70.1	70.0	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.1	70.0	69.8	69.9	69.9	69 8	69.8	69.8	69.7	69.5	69.3	69.98
8	69.0	69.0	68.9	68.9	68.9	68.9	68.8	68.8	68.6	68.4	68.4	68.2	68.0	68.0	68.0	67.6	67.1	66.9	66.8	66.8	66.7	66.1	65.9	65.7	67.85
9	65.4	64.4	63.9	63.8	63.8	63.7	63.6	63.8	63.1	63.0	62.6	62.1	61.7	61.2	60.8	60.4	59.7	59.3	58.8	58.3	57.9	57.3	57.0	56.4	61.31
10	55.3	54.7	54 3	54.3	54.3	54.2	54.0	53.6	**53**.1	53.3	53.7	54.0	54.7	54.8	54.4	54.2	54.3	54.9	54.8	54.8	54.9	55.0	54.7	54.4	54.36
11	54.4	54.3	54 5	54.2	54.3	54.3	54.5	54.7	54.9	55.1	55.3	55.6	55.8	55.9	56.0	56.0	56.2	56.2	56.4	56.7	56.9	57.0	57.1	57.0	55 55
12	59.8	59.6	59.3	56.1	56.0	56.0	56.1	56.1	56.2	56.2	56.3	56.2	50.4	56.4	56.5	56.6	56.4	56.6	56.7	57.2	58.2	58.5	58.5	58.4	56.72
13	58.3	58.3	58.3	58.4	58 5	58.6	58.6	59.0	59.3	59.6	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.1	60.0	60.0	59.49
14	59.7	59.4	59.1	58.9	59.0	59.1	59.1	59.8	59.5	59.7	59.7	59.4	59.4	59.2	59.2	59.0	58.8	58.7	58.5	58.5	58.5	58.2	58.3	58.2	59.02
15	58.0	58.0	58 3	58.9	59.3	59.5	59.6	59.6	59.7	59.9	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.7	60.7	60.6	60.6	60.6	59.85
16	60.5	60.4	60.1	59.9	59.7	59.7	59.8	59.6	59.5	59.4	59.6	59.7	59.9	60.0	60.1	59.9	59.6	59.2	60.0	60.4	60.1	60.1	60.3	60.5	59.92
17	60.2	60.2	60.2	60.3	60.4	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	60.9	60.7	60.6	60.3	60.3	60.3	60.3	60.3	60.1	60.0	60.0	60.52
18	59.7	59.7	59.7	59.4	59.4	59 4	59.5	59.7	59.8	59.9	60.2	60.2	60.3	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.3	60.2	60.1	59.98
19	60.0	60.0	59.7	59.6	59.5	59.4	59.4	59.4	59.5	59.7	59.7	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60 6	60.9	61.0	61.2	61.1	60.12
20	60.9	60.9	60.8	60.8	60.9	61.2	61.4	61.7	62 0	62.1	62.1	62 2	62.4	62.4	62.2	62.3	62.3	62.3	62.5	62.6	62.9	63.0	63.0	62.8	61.99
21	62 7	62.6	62.6	62.7	62.7	63.0	63.2	63.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.5	63.4	63.5	63.9	64.0	63.8	63.8	63.7	63.47
22	63.5	63.4	63.4	63 4	63.4	63.7	64.0	64.3	64.5	64 5	64.7	64 9	64.9	65.0	65.1	65.1	65.1	65.1	65.6	65.8	65.8	65.8	65.8	65.7	64.69
23	65.6	65.5	65.3	65.1	65.1	65.1	65.1	65.2	65.2	65 2	65.2	65.3	65.3	65.2	65.2	65 2	65.2	65 2	65.2	65.2	65.2	65.0	64.9	64.7	65.18
24	64.6	64.4	64.4	64.3	64.3	64.3	64 3	64.3	64.3	64.5	64.4	64.4	64.4	64.3	64.1	63 8	63.9	63 7	63.6	63.5	63.5	63.3	63.0	62.7	64 01
25	62.5	62.2	61.7	61.3	61.0	60.9	60.8	60.8	60.7	60.5	60.3	60.2	60.1	60.0	59 8	59.6	59 5	59.4	59.1	59.0	58.9	58.4	58.1	57.9	60.11
26	57.5	57.8	57.0	56.7	56.6	56.6	56.7	56.7	56.7	56.8	57.1	57.3	57.4	57.5	57.5	57.6	57.7	57.8	58.0	58.2	58.4	58.5	58.7	58.8	57.46
27	58.9	59.0	59.1	59.3	59.5	59.8	60.3	60.3	60.4	60.9	61.2	61.3	61.5	61.6	61.7	61.7	61.4	61.4	61.3	61.1	61.0	60.8	60.8	60.9	60.63
28	60.7	60.5	60.4	60.3	60.1	6 0	59.9	59.8	59.8	59.7	60.0	60.2	60.5	60.7	60.8	60.9	61.2	61.6	61.6	61.8	62.2	62.3	62.5	62.5	60.83
29	62.5	62.5	62.5	62.5	62.5	62.7	62.8	63.0	63.0	63.2	63.4	63.7	63.7	63.7	63.6	63.6	63.5	63.5	63.2	62.7	61.8	61.2	60.9	60.5	62.76
30	60.0	59.6	59.3	59.0	59.1	59.2	59.3	59.6	60.0	60.7	61.1	61.3	61.4	61.8	62.1	62.4	62.5	62.6	62.7	63.0	63.1	63.0	62.8	62.7	61.18
31	62.8	62.8	62.8	62.9	63.0	63.1	63.2	63.4	63.8	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.3	64.2	64.1	64.1	63.9	64.0	64.2	64.1	63.83
M.	62.62	62.46	62.34	62.27	62.28	62.36	62.47	62.56	62.65	62.79	62.90	62.95	63.03	63.01	62.97	62.92	62.83	62.83	62.87	62.94	62.97	62.86	62.81	62.68	62.72

Juni 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	63 9	63.7	63.7	63.8	64.0	64.2	64.3	64.5	64.8	64.9	65.0	65.2	65.4	65.6	65.7	65.7	65.7	65.7	65.9	66.0	66.2	66.3	66.3	66.3	65.12
2	66.3	66.3	66.2	66.1	65.9	65.8	65.7	65.8	65.8	65.8	65.7	65.6	65.4	65.3	65.4	65.5	65.5	65.4	65.5	65.5	65.5	65.4	65.3	65.3	65.68
3	65.0	64.7	64.4	64.2	63.9	63.8	63.8	64.0	64.0	64.0	64.0	64.0	63.8	63.4	63.0	62.7	62.4	62.2	61.3	61.0	60.5	60.3	60.2	59.7	62.93
4	59.1	58.7	58.2	57.7	57.3	57.0	56.8	56.5	56.0	55.7	55.4	55.0	54.8	54.3	54.2	54.3	53.7	**53**.5	53.6	54.1	54.8	55.0	55.0	54.8	55.65
5	54.7	54.6	54 6	54.6	54.7	54.8	55.1	55.4	55.7	55.9	56.2	56.5	56.9	57.2	57.4	57.7	57.8	58.2	58.5	59.0	59.4	59.4	59.5	59.5	56.80
6	59 5	59 4	59.4	59.4	59.5	59.6	59.8	60.1	60.2	60.3	60.5	60.6	60.7	61.0	61.0	61.1	61.5	61.6	62.0	62.3	62.5	62.5	62.5	62.4	60.81
7	62.3	62.1	62.0	62.0	62.0	62.0	62.1	62.5	63.0	63.6	63.6	63.9	64.2	64.3	64.5	64.6	64.9	65.0	65.1	65.3	65.5	65.5	65.5	65.4	63.79
8	65.3	65.2	65.0	65.0	65.4	65.6	66.2	66.4	66.6	66.9	67.3	67.4	67.6	67.7	67.7	67.8	67.9	68.1	68.3	68.5	68.7	68.7	68.6	68.6	67.10
9	68.4	68.3	68.2	68.1	68.1	68.3	68.7	69 0	69 5	69.7	69.7	69.8	70.1	70.2	70.3	70.3	70.5	70.5	70.6	70.8	71.0	71.0	71.0	71.0	69.71
10	71 0	70.8	70.7	70.9	71.0	71.0	71.3	71.4	71.4	71.5	71.6	71.6	**71**.7	**71**.7	71.6	71.4	71.5	71.5	71.5	71.4	71.4	71.3	71.3	71.0	71.31
11	70.7	70.5	70.2	70.1	70.0	69.9	69.8	69.8	69.8	69.7	69.7	69.5	69.2	69.0	68.9	68.7	68.6	68.4	68.0	68.1	68.3	68.2	67.9	67.6	69.19
12	67.3	67.0	66.8	66.6	66.5	66.5	66.7	66.7	67.0	67.0	67.1	67.1	67.2	67.3	67.4	67.3	67.1	67.0	67.0	66.8	66.7	66.4	66.0	66.88	
13	65.7	65.3	65 0	64.5	64.3	64.2	64.0	63.8	63.7	63.7	63.4	63.4	63.4	63.4	63.4	63.3	63.2	63.1	63.0	62.8	62.5	62.1	61.8	61.6	63.52
14	61.6	61.5	61.1	60.6	60.0	60.2	60.2	60.2	60.7	61.0	61.1	61.4	61.5	61.6	61.6	61.7	62.0	62.4	62.6	62.8	62.9	63.1	63.2	63.1	61.59
15	63.0	62.8	62.5	62.4	62.3	62.3	62.3	62.6	62.9	63.2	63.4	63.4	63.4	63.5	63.4	63.4	63.3	63.1	63.0	62.9	62.7	62.6	62.4	62.0	62.87
16	61.6	61.0	60.4	60.1	59.9	59.6	59.2	58.9	58.7	58.8	58.9	58.9	58.8	58.3	58.0	57.8	58.8	58.0	58.3	58.2	58.6	58.8	58.8	58.8	59.05
17	58.6	58.3	58.3	58.3	58.4	58.6	58.7	58.6	58.4	58.4	58.7	58.5	58.5	58.8	59.3	59.3	59.3	59.1	59.3	59.4	59.6	59.6	59.5	59.5	58.88
18	59.2	59.0	58.8	58.6	58.5	58.5	58.6	58.7	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.6	59.7	59.9	60.0	60.1	60.1	60.2	60.2	60.2	59.87
19	60.2	60.1	60.1	60.2	60.3	60.5	60.8	61.0	61.2	61.5	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.2	62.3	62.4	62.5	62.4	62.2	62.0	61.54
20	61.9	61.7	61.4	61.1	60.9	60.7	60.6	60.5	60.4	60.4	60.5	60.7	60.9	61.1	61.1	61.1	61.2	61.3	61.4	61.8	62.4	62.8	62.8	62.9	61.32
21	62.9	62.9	63.0	63.0	63.1	63.2	63.5	64.0	64.0	64.2	64.2	64.3	64.6	64.7	64.9	65.0	65.2	65.3	65.3	65.7	65.9	66.1	66.2	66.1	64.47
22	66.0	66.0	65.8	65.7	65.7	65.8	65.9	66.2	66.4	66.7	66.8	67.0	66.8	66.8	66.7	66.7	66.9	66.9	67.0	67.0	67.2	67.3	67.4	67.4	66.59
23	67.4	67.4	67.3	67.3	67.5	67.7	67.9	68.2	68.5	68.8	69.0	69.0	68.8	68.8	68.8	68.8	68.9	68.9	69.0	69.2	69.4	69.4	69.3	69.2	68.52
24	69.0	68.9	68.7	68.7	68.6	68.6	68.6	68.5	68.7	68.8	68.8	68.7	68.6	68.4	68.2	68.1	68.1	68.1	68.0	68.0	67.9	67.9	67.8	67.5	68.38
25	67 2	67.0	66.7	66.4	66.2	66.1	65.8	65.8	65.7	65.7	65.6	65.4	65.2	65.1	64.8	64.6	64.2	64.1	63.8	63.7	63.6	63 3	63.0	62.6	65.07
26	62.2	62.0	61.7	61.5	61.4	61.3	61.3	61.1	61.0	60.8	61.0	60.8	60.7	60.7	60.6	60.9	61.0	61.3	61.3	61.3	61.5	61.5	61.6	61.6	61.25
27	61.5	61.5	61.5	61.4	61.4	61.5	61.7	61.9	62.1	62.5	62.7	63.0	63.2	63.3	63.4	63.6	63.8	64.0	64.3	64.4	64.6	64.7	64.8	64.7	62.98
28	64.5	64.3	64.2	64.1	64.1	64.0	64.1	64.2	64.4	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.3	65.4	65.5	65.4	65.3	64.77
29	65.1	65.1	64.7	64.6	64.6	64.5	64.5	64.5	64.6	64.7	64.7	64.8	65.0	65.0	65.0	65.0	65.2	65.4	65.6	65.7	65.9	66.0	66.0	65.9	65.09
30	65 7	65.6	65.5	65.5	65.5	65.7	65.8	66.0	66.1	66.4	66.6	66.7	66.8	67.0	67.0	66.9	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.2	66.53
M.	63.89	63.72	63.54	63.42	63.37	63.38	63.46	63.56	63.67	63.81	63.90	63.95	63.99	64.00	64.00	64.01	64.08	64.08	64.13	64.23	64.35	64.37	64.31	64.17	63.89

Juli 1923. Stündliche Barometerstände (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	66.9	66.6	66.3	66.2	66.0	65.9	65.9	65.8	65.8	65.7	65.7	65.7	65.7	65.6	65.5	65.6	65.5	65.3	65.2	65.2	65.2	65.1	65.1	65.0	65.69
2	64.6	64.5	64.4	64.3	64.1	64.0	64.0	64.1	64.2	64.4	64.5	64.5	64.7	64.9	64.8	64.4	64.5	64.7	64.8	64.8	64.8	64.7	64.7	64.4	64.49
3	64.2	64.3	64.3	64.3	64.5	64.5	64.6	64.8	65.0	65.1	65.1	65.2	65.5	65.7	66.1	66.1	66.1	66.2	66.3	66.4	66.6	66.6	66.7	66.7	65.45
4	66.6	66.5	66.4	66.5	66.6	67.0	67.2	67.6	67.8	67.9	68.3	68.4	68.6	68.7	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	68.11
5	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.5	69.6	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.3	70.0	69.93
6	69.9	69.7	69.4	69.4	69.5	69.7	69.9	70.1	70.2	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.2	70.57
7	71.0	70.9	70.7	70.5	70.4	70.4	70.5	70.6	70.7	70.8	71.0	71.2	71.2	71.2	71.0	70.6	70.4	70.3	70.2	70.1	70.1	70.0	69.7	69.7	70.55
8	69.6	69.4	69.4	69.4	69.4	69.4	69.5	69.6	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.2	70.4	70.4	70.3	70.0	69.86
9	69.9	69.8	69.7	69.6	69.4	69.4	69.4	69.4	69.5	69.4	69.5	69.6	69.7	69.6	69.6	69.5	69.4	69.3	69.4	69.9	70.0	70.0	70.0	69.60
10	69.9	69.7	69.4	69.4	69.6	69.9	70.0	70.2	70.5	70.6	70.8	70.8	70.6	70.6	70.6	70.5	70.6	70.7	70.9	71.2	71.4	71.5	71.6	71.6	70.52
11	71.5	71.5	71.5	71.6	71.7	71.9	72.1	72.3	72.6	73.0	73.0	73.1	73.2	73.2	73.3	73.2	73.2	73.3	73.3	73.5	73.6	73.5	73.5	73.4	72.75
12	73.4	73.2	73.2	73.2	73.2	73.3	73.5	73.7	74.0	74.2	74.4	74.5	74.6	74.6	74.6	74.5	74.4	74.7	74.6	74.6	74.6	74.7	74.7	74.6	74.13
13	74.5	74.3	74.2	74.1	74.1	74.2	74.2	74.3	74.6	74.9	75.0	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.5	75.5	75.5	75.4	75.1	74.9	74.89
14	74.7	74.6	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.9	74.8	74.7	74.7	74.6	74.4	74.1	74.1	74.0	74.0	74.0	74.0	73.9	73.8	73.5	74.35
15	73.3	73.0	72.7	72.3	71.8	71.6	71.6	71.5	71.6	71.9	71.5	71.2	70.6	70.3	70.7	69.5	69.6	69.4	69.0	68.5	68.6	68.7	68.7	68.6	70.67
16	68.3	68.0	67.3	67.1	67.1	67.1	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.3	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.6	67.49
17	67.5	67.3	67.2	67.2	67.1	67.0	66.9	66.9	67.0	67.3	67.5	67.5	67.5	67.4	67.3	67.2	67.1	67.1	67.2	67.3	67.3	67.1	67.1	67.1	67.21
18	67.0	66.9	66.6	66.5	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.6	66.6	66.8	66.7	66.5	66.53
19	66.4	66.3	66.2	66.1	66.0	66.1	66.3	66.4	66.6	66.8	67.0	67.0	67.0	67.2	67.4	67.5	67.5	67.7	67.6	68.0	68.3	68.3	68.3	68.3	67.10
20	68.3	68.3	68.3	68.4	68.6	68.8	69.2	69.4	69.7	70.0	70.3	70.6	70.8	71.1	71.2	71.3	71.4	71.6	72.0	72.1	72.3	72.3	72.3	72.3	70.44
21	72.2	72.0	71.9	71.8	71.8	72.0	72.2	72.3	72.4	72.6	72.7	72.7	72.7	72.8	72.7	72.6	72.6	72.6	72.5	72.5	72.5	72.4	72.3	72.3	72.38
22	72.2	72.1	72.0	71.9	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	71.8	71.7	71.6	71.5	71.4	71.3	71.3	71.2	71.2	71.1	71.0	70.9	71.64
23	70.7	70.8	70.0	69.8	69.6	69.5	69.5	69.6	69.7	69.7	69.7	69.6	69.4	69.3	69.1	68.8	68.8	68.7	68.5	68.5	68.5	68.2	67.9	67.5	69.20
24	67.1	66.8	66.4	66.2	66.2	66.0	66.2	66.2	66.0	65.9	66.0	66.0	66.0	65.9	66.0	66.1	66.0	66.2	66.2	66.8	66.8	67.0	67.0	67.0	66.83
25	67.0	66.9	66.8	66.7	66.6	66.8	67.0	67.2	67.3	67.6	67.2	67.5	67.5	67.4	67.2	67.1	66.9	66.8	66.9	67.0	67.0	66.8	66.4	66.0	66.98
26	65.5	65.1	64.9	64.7	64.6	64.6	64.7	64.8	65.0	65.1	64.8	64.8	64.7	64.3	64.0	63.8	64.0	64.2	63.9	63.8	63.9	64.0	64.0	63.8	64.46
27	63.6	63.5	63.5	63.5	63.7	63.8	63.8	64.0	64.1	64.3	64.6	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.4	65.5	65.4	65.3	65.2	64.56
28	64.9	64.7	64.4	64.4	64.4	64.4	64.4	64.3	64.5	64.7	64.8	64.8	64.8	64.6	64.4	64.4	64.3	64.2	64.2	64.2	64.3	64.3	64.2	64.1	64.45
29	63.7	63.5	63.2	63.1	63.0	63.2	63.3	63.3	63.3	63.5	63.8	63.8	63.7	63.5	63.7	63.8	64.0	64.0	64.0	64.1	64.5	64.6	64.7	64.6	63.75
30	64.3	64.0	63.4	63.6	63.7	63.8	64.0	64.1	64.3	64.5	64.6	64.6	64.3	64.4	64.5	64.6	64.6	64.6	64.5	64.6	64.5	64.4	64.3	64.1	64.26
31	63.9	63.8	63.6	63.5	63.4	63.4	63.5	63.8	64.0	64.3	64.2	64.1	63.9	63.8	63.7	63.5	63.3	63.2	63.0	62.8	62.0	62.0	61.9	61.4	63.33
M.	68.45	68.28	68.10	68.03	68.00	68.05	68.15	68.25	68.39	68.56	68.63	68.67	68.65	68.64	68.64	68.54	68.54	68.56	68.55	68.60	68.66	68.64	68.57	68.44	68.44

August 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	61.5	61.1	60.7	60.5	59.4	59.3	59.6	59.9	60.7	61.2	61.5	61.9	62.6	63.0	63.6	64.2	64.5	64.7	64.7	65.2	65.6	65.8	66.0	66.0	62.63
2	66.0	65.9	65.7	65.5	65.6	66.0	66.4	66.8	67.3	67.6	67.7	68.0	68.2	68.6	68.7	68.9	69.3	69.2	69.1	69.6	69.6	69.9	70.1	70.2	67.91
3	70.1	69.9	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.4	70.1	70.2	70.3	70.4	70.4	70.5	70.6	70.8	70.9	70.9	71.1	71.2	71.2	70.38
4	71.1	71.1	71.0	70.9	70.9	70.9	70.9	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.2	71.0	70.7	70.7	70.7	70.7	70.5	70.3	70.4	71.01
5	70.1	69.8	69.5	69.4	69.3	69.3	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.3	69.3	69.3	69.37
6	69.1	69.0	69.0	68.9	68.7	68.6	69.0	69.2	69.3	69.4	69.5	69.7	69.8	69.9	70.0	70.0	69.8	69.7	69.7	69.7	69.7	69.5	69.4	69.3	69.41
7	69.2	69.0	68.8	68.8	68.9	69.0	69.2	69.3	69.4	69.7	69.8	69.9	70.0	70.0	70.0	70.0	69.9	69.9	70.0	70.2	70.4	70.4	70.4	70.3	69.69
8	70.3	70.3	70.2	70.0	69.8	69.6	69.7	70.2	70.5	71.2	71.2	71.3	71.5	71.5	71.5	71.5	71.6	71.7	72.0	72.1	72.1	72.1	72.0	72.0	71.08
9	72.0	71.9	71.8	71.8	71.9	72.0	72.3	72.4	72.5	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.7	73.9	74.0	74.0	74.0	73.02
10	73.8	73.7	73.5	73.3	73.3	73.5	73.6	73.6	73.8	73.9	73.9	73.9	73.7	73.6	73.5	73.3	73.2	73.2	73.2	73.2	73.1	72.8	72.6	72.4	73.40
11	72.1	71.9	71.6	71.4	71.3	71.4	71.5	71.7	71.8	71.8	71.7	71.7	71.7	71.6	71.4	71.2	71.3	71.6	71.8	71.8	71.8	71.2	71.1	71.0	71.50
12	70.9	70.7	70.5	70.4	70.4	70.5	70.7	70.9	71.0	71.1	71.0	71.1	71.0	71.0	71.0	70.9	70.9	71.0	70.9	71.1	70.8	71.0	70.5	70.85
13	70.4	70.3	70.2	70.2	70.1	70.1	70.2	70.4	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.3	71.4	71.6	71.8	71.7	71.4	71.3	70.86
14	71.1	71.0	71.0	70.9	70.9	71.0	71.1	71.2	71.3	71.5	71.6	71.7	71.7	71.5	71.5	71.4	71.2	71.1	70.9	70.8	70.8	70.6	70.5	70.3	71.11
15	70.2	70.0	69.5	69.3	69.1	69.0	68.9	68.8	68.8	68.8	68.7	68.5	68.2	67.7	67.1	67.0	66.7	66.6	66.6	66.5	66.8	66.0	66.0	66.2	67.94
16	66.3	66.0	66.0	65.7	65.6	65.5	65.5	65.6	65.6	65.7	65.9	66.0	66.1	66.1	66.1	66.0	66.0	65.9	66.0	66.1	66.1	66.0	66.0	65.8	65.90
17	65.6	65.4	65.1	64.9	64.8	64.6	64.4	64.4	64.4	64.5	64.3	64.3	64.2	64.1	63.9	63.8	63.6	63.4	63.3	63.4	63.5	63.4	62.9	62.7	64.12
18	62.1	61.6	61.4	61.1	61.0	60.6	60.5	60.4	60.3	60.8	61.2	61.3	61.3	61.1	60.9	60.6	60.3	60.0	59.2	59.0	58.8	58.9	59.2	59.5	60.46
19	59.5	59.6	59.7	60.1	60.4	60.7	61.1	61.2	61.3	61.6	61.7	62.0	62.4	62.8	63.0	63.1	63.5	63.7	63.7	63.9	64.2	64.3	64.2	64.0	62.15
20	64.0	64.0	63.7	63.7	63.7	63.7	63.7	63.5	63.5	63.7	63.7	63.9	63.9	64.5	64.8	64.8	65.0	65.0	65.3	65.5	65.7	65.7	65.8	65.6	64.43
21	65.4	65.3	65.1	65.0	65.1	65.2	65.3	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	65.8	65.7	65.7	65.7	65.9	66.0	66.0	65.9	65.7	65.66
22	65.4	65.2	65.0	64.7	64.6	64.7	64.9	64.8	64.7	64.6	64.6	64.6	64.5	64.5	64.6	64.9	65.0	65.0	65.3	65.3	65.3	65.2	65.3	65.5	64.98
23	65.5	65.5	65.5	65.7	65.7	65.9	66.3	66.6	66.8	66.9	67.1	67.2	67.0	67.2	67.2	66.9	66.9	66.9	67.0	67.0	67.0	66.8	66.5	66.3	66.56
24	65.8	65.3	64.9	64.6	64.5	64.3	64.3	63.5	63.0	62.8	62.7	62.7	62.6	62.4	62.1	62.0	61.5	61.2	61.2	60.8	60.9	60.6	60.4	60.2	62.68
25	60.0	59.8	59.8	59.9	60.1	60.4	61.1	61.3	61.9	62.3	62.7	63.0	63.3	63.8	64.0	64.3	64.6	65.1	65.4	65.7	66.1	66.1	66.0	65.7	63.02
26	65.3	65.1	64.7	64.6	64.6	64.9	65.0	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.4	65.4	65.5	65.5	65.3	65.2	65.0	65.24
27	65.0	64.8	64.4	64.2	64.0	64.0	63.9	63.9	63.9	63.7	63.6	63.4	63.5	63.4	63.3	63.2	63.0	63.1	63.0	63.0	63.1	63.0	62.3	62.2	63.54
28	62.2	62.1	62.1	62.0	62.0	62.0	62.4	62.6	62.9	63.0	63.3	63.7	63.8	64.1	64.4	64.5	64.5	64.5	65.2	65.3	65.5	65.6	65.6	65.5	63.70
29	65.3	65.3	65.2	65.0	64.8	64.9	65.0	65.2	65.4	65.6	65.7	65.4	65.4	65.3	65.3	65.3	65.3	65.4	65.3	65.3	65.3	65.2	65.2	65.0	65.25
30	64.3	64.3	64.7	64.7	64.7	64.8	64.8	65.3	65.5	66.0	66.2	66.3	66.4	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.3	66.2	66.0	65.74
31	65.7	65.6	65.4	65.3	65.3	65.1	64.9	65.0	65.0	65.0	64.8	64.8	63.9	63.9	63.6	63.4	63.2	62.8	62.1	61.7	61.2	60.2	60.3	60.4	63.67
M.	66.95	66.79	66.63	66.53	66.47	66.50	66.63	66.72	66.87	67.05	67.13	67.17	67.22	67.26	67.26	67.24	67.22	67.21	67.22	67.29	67.33	67.24	67.17	67.08	67.01

September 1923 — Stündliche Barometerstände (500 mm +). — Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	60.0	60.0	60.0	60.0	60.3	60.5	61.8	62.2	62.3	62.6	62.6	62.7	63.2	63.4	64.2	64.3	64.5	64.8	65.3	75.8	66.1	66.3	66.3	66.4	63.15
2	66.4	66.4	66.5	66.6	67.0	67.3	67.8	68.0	68.0	68.4	68.3	68.3	68.4	68.4	68.7	68.7	68.6	68.7	68.6	68.6	68.5	68.2	68.0	68.0	67.93
3	68.0	68.0	68.1	68.1	68.1	68.0	68.1	68.0	68.0	67.9	67.8	67.8	67.9	68.0	68.0	68.0	67.9	67.9	68.1	68.1	68.1	68.0	67.9	67.8	67.98
4	67.7	67.5	67.4	67.3	67.2	67.3	67.3	67.4	67.7	67.9	67.9	68.1	68.3	68.4	68.5	68.6	68.5	68.5	68.7	68.7	68.8	68.7	68.7	68.7	68.08
5	68.5	68.4	68.3	68.2	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.2	68.0	68.1	68.3	68.4	68.4	68.5	68.4	68.4	68.4	68.28
6	68.4	68.3	68.3	68.3	68.4	68.6	68.9	69.0	69.0	69.4	69.5	69.5	69.5	69.3	69.3	69.4	69.3	69.4	69.4	69.5	69.7	69.6	69.4	69.3	69.11
7	69.3	69.0	68.9	68.8	68.8	68.8	68.9	69.0	69.0	69.3	69.3	69.4	69.5	69.4	69.3	69.3	69.3	69.3	69.2	69.2	69.3	69.3	69.0	69.0	69.15
8	68.8	68.6	68.5	68.5	68.5	68.5	68.7	68.8	69.0	69.4	69.4	69.3	69.1	69.2	69.3	69.3	69.3	69.3	70.0	70.1	70.0	70.0	69.9	69.8	69.28
9	69.6	69.4	69.3	69.0	69.0	69.1	69.3	69.5	69.8	70.0	70.1	70.2	70.3	70.2	70.2	70.1	70.0	69.9	69.9	70.0	70.0	69.9	69.8	69.6	69.76
10	69.4	69.3	69.2	69.1	69.0	69.0	69.0	69.0	69.3	69.4	69.4	69.3	69.1	69.0	68.9	68.8	68.8	68.7	69.0	69.0	69.1	69.0	68.9	68.8	69.09
11	68.7	68.6	68.5	68.3	68.3	68.3	68.4	68.5	68.6	68.8	68.9	68.8	68.7	68.6	68.5	68.5	68.5	68.5	68.6	68.8	69.0	69.2	69.1	69.0	68.65
12	68.8	68.6	68.4	68.2	68.0	68.0	68.1	68.2	68.3	68.5	68.5	68.4	68.4	68.2	68.1	67.9	67.8	67.8	68.0	68.0	68.1	68.0	67.9	67.8	68.17
13	67.5	67.3	67.2	67.0	66.8	66.7	66.8	66.9	67.2	67.0	67.0	66.8	66.6	66.2	66.0	65.9	65.7	65.7	65.8	66.0	65.8	65.6	65.3	65.0	66.41
14	64.7	64.5	64.1	63.8	63.5	63.4	63.3	63.2	63.2	63.2	63.0	62.8	62.6	62.3	62.0	61.7	61.3	61.2	61.2	61.0	60.8	60.5	60.2	60.1	62.40
15	59.9	59.5	59.1	58.8	58.5	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.6	58.6	58.8	59.0	59.2	59.5	60.1	60.5	60.9	61.2	61.4	61.5	59.32
16	61.8	61.9	62.0	62.1	62.2	62.5	63.0	63.3	63.6	64.0	64.1	64.4	64.8	65.0	65.0	65.1	65.1	65.2	65.5	65.9	66.1	66.4	66.4	66.6	64.25
17	66.6	66.8	67.2	67.1	66.8	66.7	66.7	66.7	66.8	66.9	66.7	66.3	66.0	65.7	65.6	65.5	65.0	64.5	64.0	63.7	63.8	63.3	63.0	62.7	65.57
18	62.4	62.0	61.9	61.9	61.9	62.0	62.1	61.8	61.2	60.9	61.0	60.7	60.2	60.2	60.4	60.7	60.8	60.8	61.3	61.6	61.7	61.9	61.7	61.8	61.37
19	61.5	61.4	61.4	61.4	61.1	60.9	61.2	61.8	61.9	62.0	62.4	62.2	62.5	62.5	62.8	62.5	63.3	63.4	63.8	64.1	63.8	63.6	63.5	63.5	62.44
20	63.5	63.3	63.1	62.9	62.5	62.2	62.0	61.8	61.8	62.2	62.2	61.7	61.2	61.0	60.8	60.0	59.5	59.6	59.8	60.2	59.7	60.4	60.3	60.0	61.28
21	59.9	60.0	59.7	59.0	58.8	58.8	58.7	58.4	58.1	57.7	58.0	58.2	57.3	58.6	58.9	59.3	59.5	59.6	60.1	60.0	60.5	60.7	61.3	61.5	59.27
22	61.6	61.9	62.3	62.6	62.8	63.2	63.5	63.8	64.0	64.1	64.2	64.2	64.1	64.0	64.0	64.0	63.8	63.6	63.7	63.8	63.7	63.3	63.0	62.9	63.42
23	62.8	62.7	62.2	62.1	62.0	61.7	61.7	61.8	62.2	62.4	62.3	62.0	61.8	61.8	61.7	61.5	61.4	61.1	61.0	61.0	60.8	60.7	60.3	60.3	61.84
24	60.3	60.3	60.4	60.5	60.6	60.8	61.1	61.4	61.8	62.2	62.2	62.3	62.4	62.7	62.8	62.9	63.2	63.8	63.4	63.5	63.5	63.4	63.3	63.2	62.15
25	63.1	63.1	63.0	63.0	63.2	63.2	63.5	63.7	64.0	64.2	64.4	64.7	64.9	65.0	65.0	65.4	65.5	65.7	65.7	65.9	66.0	66.0	66.0	66.0	64.59
26	66.0	65.9	66.0	66.1	66.2	66.4	66.6	66.7	67.0	67.2	67.5	67.7	67.9	68.0	68.1	68.2	68.4	68.8	69.2	69.5	69.8	69.8	69.7	69.7	67.77
27	69.7	69.7	69.7	69.8	69.9	70.0	70.1	70.3	70.6	70.8	71.0	71.0	70.9	71.0	71.2	71.2	71.3	71.6	71.6	71.6	71.5	71.5	71.5	71.5	70.79
28	71.5	71.6	71.6	71.6	71.7	71.8	72.0	72.3	72.5	72.6	72.7	72.7	72.6	72.6	72.6	72.7	72.8	72.8	73.0	73.0	73.1	73.0	73.0	73.0	72.45
29	73.0	72.9	72.8	72.7	72.6	72.7	72.8	73.0	73.3	73.6	73.6	73.6	73.7	73.8	73.8	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	73.61
30	74.3	74.2	74.2	74.2	74.2	74.3	74.4	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.0	74.9	74.9	74.9	74.9	74.9	74.8	74.8	74.6	74.4	74.70
M.	66.12	66.04	65.98	65.90	65.87	65.90	66.07	66.19	66.32	66.48	66.53	66.50	66.47	66.49	66.51	66.53	66.53	66.57	66.70	66.83	66.85	66.84	66.74	66.69	66.40

Oktober 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	74.2	74.0	73.8	73.5	73.3	73.2	73.2	73.1	73.1	73.0	72.9	72.8	72.6	72.3	71.9	71.5	71.1	71.0	70.8	70.5	70.1	69.7	69.5	69.3	72.10
2	68.7	68.7	68.4	68.0	67.6	67.4	67.6	67.5	67.5	67.4	67.0	67.0	66.9	66.5	66.3	66.1	65.9	65.8	65.8	65.8	65.5	65.2	64.8	64.4	66.74
3	63.8	63.5	63.2	62.8	62.4	62.0	61.3	61.0	60.7	60.7	60.1	59.6	59.1	58.8	58.2	56.9	56.2	55.6	55.5	55.3	55.0	54.5	54.0	53.4	58.90
4	52.6	52.3	51.5	50.9	50.1	50.2	49.9	50.4	50.7	50.6	50.7	50.6	50.4	50.7	51.0	51.1	51.1	51.5	51.8	51.9	52.0	52.1	52.3	52.7	51.21
5	52.9	53.0	53.1	53.2	53.5	53.8	54.2	54.6	54.9	55.0	55.5	55.8	55.8	56.0	56.0	56.3	56.5	56.7	57.5	57.9	58.4	58.7	58.8	59.0	55.71
6	59.3	59.3	59.4	59.5	59.6	59.8	60.0	60.1	60.2	60.5	60.6	60.5	60.5	60.6	60.7	60.8	61.0	61.0	61.1	61.2	61.3	61.3	61.3	61.2	60.45
7	61.2	61.0	60.8	60.8	61.0	61.2	61.4	61.5	61.8	61.9	62.0	62.1	62.1	62.4	62.4	62.5	63.0	63.3	63.4	63.5	63.6	63.4	63.2	63.0	62.19
8	62.8	62.6	62.0	61.8	61.4	61.1	61.0	60.7	60.5	60.4	60.2	60.0	59.5	59.5	60.0	60.6	61.1	61.5	62.0	62.3	62.5	62.6	62.7	62.8	61.32
9	62.8	62.6	62.7	63.0	63.0	63.0	63.0	62.9	63.0	63.5	63.6	63.8	63.9	64.4	65.0	65.5	65.9	66.1	66.7	66.6	66.5	66.7	66.9	67.0	64.50
10	66.9	66.9	66.8	67.0	67.0	67.2	67.5	68.0	68.0	68.0	68.0	67.9	67.9	68.0	68.0	67.8	67.8	67.7	67.9	67.8	67.7	67.5	67.2	67.0	67.56
11	66.8	66.5	66.0	65.8	64.9	64.8	64.8	64.8	64.9	65.0	65.6	65.3	64.6	64.8	64.7	64.2	64.2	64.0	64.1	64.2	64.1	64.0	63.9	63.7	64.80
12	63.7	63.3	62.9	62.5	62.0	62.0	62.1	62.3	62.7	62.8	62.5	62.4	62.1	61.6	61.0	60.6	60.6	60.2	60.4	60.8	60.2	60.0	60.0	59.8	61.60
13	59.8	58.9	58.4	58.0	57.3	57.0	56.9	56.6	56.7	56.9	56.5	56.3	56.1	56.0	55.8	55.5	55.2	55.1	55.1	55.1	55.1	54.9	54.6	54.3	56.32
14	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.7	54.9	55.1	55.0	55.0	54.9	55.0	55.3	55.5	55.8	56.0	56.2	56.3	56.4	56.5	56.9	57.0	55.29
15	57.0	57.0	57.0	57.2	57.4	57.6	57.8	58.5	58.9	59.1	59.1	59.2	59.3	59.7	60.0	60.2	60.4	60.5	60.7	60.7	60.7	60.8	60.9	60.7	59.18
16	60.6	60.4	60.2	60.2	60.2	60.2	60.1	60.4	60.6	60.7	61.0	60.9	60.7	60.7	60.5	60.3	60.6	61.0	61.3	61.6	62.0	62.3	62.4	62.5	60.89
17	62.6	62.6	62.7	63.0	63.4	63.7	64.1	65.0	65.4	65.5	65.7	65.8	65.8	66.0	66.2	66.1	66.3	66.6	67.0	67.1	67.2	67.4	67.6	67.7	65.44
18	67.7	67.7	67.7	67.7	67.7	68.0	68.2	68.4	68.7	68.9	68.9	68.8	68.8	68.6	68.6	68.6	68.6	68.6	68.4	68.4	68.5	68.4	68.2	68.3	68.85
19	68.2	68.2	68.1	68.2	68.2	68.3	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.2	69.3	69.4	69.4	69.4	69.3	69.2	69.2	69.2	69.2	69.1	68.88
20	69.0	69.1	69.1	69.0	68.8	68.7	68.6	68.9	69.1	69.2	69.1	68.9	68.8	68.3	68.3	68.0	68.1	68.2	68.1	68.0	67.9	67.5	67.2	66.9	68.45
21	66.4	66.2	66.0	65.9	65.8	65.6	65.7	65.5	65.3	65.2	65.1	65.0	64.4	64.0	63.5	63.0	62.4	61.9	61.8	61.4	61.4	61.2	60.8	60.7	63.90
22	60.8	60.5	60.1	59.7	58.9	58.7	58.6	58.6	58.6	58.6	58.3	58.0	57.4	57.4	57.3	57.4	57.7	57.6	57.4	57.5	57.6	57.5	57.3	57.5	58.29
23	58.2	58.2	58.0	58.1	58.4	58.4	58.4	58.7	58.9	59.0	59.0	58.7	58.7	58.3	58.2	57.9	57.6	57.3	57.0	56.8	56.7	56.4	56.2	55.7	57.87
24	55.5	55.1	54.5	54.0	53.9	54.5	54.6	54.3	55.1	55.3	55.4	55.4	55.6	56.0	56.1	56.6	56.5	56.8	57.0	57.1	57.4	57.9	58.4	58.7	55.90
25	59.2	59.4	59.0	59.5	59.8	60.0	60.7	61.1	61.4	62.2	62.3	62.3	62.4	62.2	62.2	62.5	62.7	63.2	63.3	63.4	63.5	63.4	63.3	63.3	61.76
26	63.1	62.9	62.7	62.3	61.9	61.7	61.6	61.7	62.0	62.1	62.5	62.5	62.3	62.4	62.4	62.2	62.2	62.1	62.4	62.2	62.8	62.9	62.7	62.6	62.34
27	62.6	62.4	62.2	61.6	61.3	61.1	60.9	61.0	61.1	61.1	61.2	61.2	61.1	61.1	61.1	61.1	61.0	61.0	61.0	60.9	60.8	60.7	60.5	60.3	61.18
28	60.0	59.8	59.7	59.6	59.4	59.3	59.6	59.8	59.6	59.6	58.5	58.4	58.5	59.5	59.6	60.2	60.5	61.2	61.7	62.0	62.1	62.2	62.3	62.3	60.23
29	62.4	62.5	62.5	62.6	62.7	63.0	63.6	64.6	65.0	65.3	65.6	65.7	65.9	66.1	66.2	66.3	66.5	66.9	67.1	67.3	67.4	67.7	67.8	67.9	65.86
30	68.0	68.0	67.9	67.8	67.8	67.7	67.7	67.9	68.0	68.4	68.3	68.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.8	67.7	67.7	67.91
31	67.6	67.4	67.3	67.3	67.1	67.2	67.3	67.8	68.1	68.2	68.3	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.3	68.3	68.3	67.96
M	62.52	62.40	62.19	62.07	61.94	61.96	62.04	62.23	62.40	62.52	62.50	62.43	62.30	62.33	62.32	62.28	62.33	62.39	62.50	62.55	62.58	62.54	62.48	62.41	62.34

November 1923. Stündliche Barometerstände (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	68.1	67.8	67.7	67.6	67.6	67.7	67.8	67.9	68.0	67.9	67.8	67.5	67.3	67.2	67.0	67.0	67.0	67.1	66.9	66.8	66.6	66.3	66.2	66.0	67.28
2	65.7	65.3	64.9	64.7	64.6	64.4	64.2	64.1	64.0	63.8	63.7	63.5	63.3	63.1	63.0	63.0	63.1	63.3	63.4	63.4	63.6	63.5	63.6	63.6	63.87
3	63.5	63.4	63.3	63.3	63.3	63.4	63.7	64.0	64.1	64.1	64.0	63.9	63.7	63.7	63.6	63.5	63.5	63.5	63 7	63.8	63.8	63.7	63.4	63 0	63.62
4	62.6	62.4	61.9	61.5	61.4	61.3	61.3	61.4	61.5	61.6	61.4	63.9	60.6	60.5	60.3	60.0	60.2	60.4	60.5	60.5	60.6	60.3	60.2	60.1	60 98
5	59.9	59.8	59 5	59.3	59.1	59.0	58.9	58.8	58.9	59.1	59.0	58.6	58.3	58.0	57.7	57.7	57.7	57.8	57.8	57.7	57.7	57.5	57 5	57.4	58.45
6	57.3	57.0	56.8	56.8	56.7	56.5	56.5	56.4	56.5	56.7	56.7	56.7	56.7	56.3	56.2	56.2	56.3	56.4	56.7	56.7	56.7	56.5	56.3	56.2	56.57
7	56.1	56.0	55.8	55.6	55.5	55.4	55.7	56.0	56.2	56.2	56.1	56.0	55.9	55.5	55.8	55.1	55.1	55.2	55.1	55.3	55.1	55.0	54 6	54.5	55 61
8	54.0	53.9	53.5	53.2	53.1	53.0	53.0	53.0	53.0	53 0	52.9	52.7	52.3	52.1	52.0	52.0	52.0	52.0	51.9	51.8	51.7	51.5	51.4	51.3	52 51
9	51.1	51.0	51.0	51.0	50.8	50.5	50.3	50.1	50.0	49.9	49.9	50.0	50.1	50.3	50.7	50.8	51.1	51.4	51.7	52.0	52.1	52.3	52.6	53 0	50.99
10	53.0	53.3	53.4	54.0	54.3	54.4	54.9	55.0	55.5	56.0	56.3	56.6	56.7	57.0	57.2	57.6	57.8	58.2	58.5	58.6	58.9	59.3	59.3	59 3	56.46
11	59.1	59.3	59.3	59.5	60.1	60.7	61.3	62.0	62.5	62.7	62.9	63.1	63.3	63 5	63.6	64.1	64.3	64.6	65.0	65.5	66.0	66.3	66.5	66.7	63.00
12	66.7	66.7	66.7	66.7	66.7	66.8	66.9	67.1	67.3	67.3	67.0	66 8	66.6	66.1	66.0	65.9	65.8	65.8	65.7	65.6	65.4	65.2	65 0	64 9	66.28
13	64.8	64.7	64.5	64.1	63.7	63.3	62.8	62.4	62.2	62.1	61.9	61.7	61.6	61.3	61.2	61.1	61.0	60.8	60.5	60.0	59.6	59.1	59.1	58.9	61.77
14	58.5	57.8	57.1	56 6	56.1	55.8	55.4	55.3	55.1	54.9	54.5	54.1	53.6	53.1	52 8	52.6	52.5	52.5	52.4	52.3	52.2	52.1	52.1	51.7	54.21
15	51.6	52.2	53.0	53.7	54 0	54 3	55 0	55.4	55.5	55.7	55.8	55.8	55.3	55.2	55.2	55.6	56.0	55.9	55.7	55.0	55.4	55.5	55.6	55 5	54 89
16	54.8	54 9	54.4	54.4	55.0	55.1	55.4	55.9	56.4	57.0	57.7	58.2	58.6	59.2	59.7	59.7	60.5	61.0	61.3	61.6	61.9	62.0	62.0	61.9	58.28
17	61.7	61.6	61.3	61.0	60 9	60.7	60.5	60.5	60.5	60.8	60.2	60.0	59.8	59.9	59.4	59.0	58.8	58.8	58.4	58.5	58.6	58.8	59.2	58 5	59 89
18	58.2	58.0	57.9	57.5	57.4	57.3	57.1	56.7	56.5	56.4	56.0	55.8	54.6	54 0	53.1	52.4	52.0	51.8	51.1	50.8	50.4	49.0	48.7	48.4	54 19
19	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.0	49.0	49 1	48.7	48.7	48.5	48.5	48.4	48.3	48.2	48.4	48.5	48.5	48.7	48.5	48.6	48 6	48.78
20	48.5	48.5	48.5	48.5	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.1	49.3	49.5	49.7	49.8	49.9	50.0	49 04
21	50.1	50.2	50.3	50.3	50.5	50.7	50.8	51.2	51.4	51.6	51.6	51.5	51.4	51.3	51.4	51.5	51.7	51.8	52.0	52.0	52.0	52.0	52 0	51.8	51 30
22	51.8	51.8	51.8	51.8	51.6	51.6	51.4	51.3	51.4	51.4	51.1	51.0	50.8	50.6	50.5	50.5	50.4	50.4	50.4	50.5	50.6	50.7	50.9	51.0	51 05
23	51.1	51.3	51.5	51.7	51.8	52.0	52.1	52.3	52.5	53.0	53.2	53.3	53.4	53.4	53.5	53.7	54.0	54 4	54.6	54.7	54.8	54.7	54.6	54.4	53 17
24	54.3	54.4	54.5	54.7	55.0	55.3	55.6	56.1	56.5	57.0	57.0	57.0	57.0	57.1	57.2	57.6	57.8	57.8	57.9	58.1	58.4	58.5	58.5	58.6	56.75
25	58.6	58.6	58.7	58.8	58.9	59 0	59.1	59.3	59.7	59.9	59.8	59 7	59.3	59.1	59.0	58.6	58.4	58.4	58.2	57.8	57.5	57.2	57.0	56 8	58 64
26	57.0	57.2	57.2	57.1	57.1	57.2	57.2	57.0	56.9	56.5	56.0	55.8	55.3	54.8	54.3	53.8	53.5	53.3	53.2	53.3	53.5	53.5	53.3	53.2	55 30
27	53.3	53.3	53.3	53.5	53.6	53.8	54.2	54.5	54.9	55.3	55.2	55.2	55.2	55.3	55.3	55.6	55.7	55.8	55.7	55.4	55.4	55.2	55 5	55.5	54.82
28	55.2	54.4	54.0	54.0	54.0	54.0	53.7	53.5	52.2	52.1	52.1	51.7	51.7	51.3	51.8	52.4	52.3	52.3	51.9	52.0	52.4	52.8	53.5	53.7	52.87
29	53.7	53.7	53.4	53.3	53.2	53.1	53.0	53.1	53.2	53.2	52.7	52.5	52.0	51.5	51.1	51.1	50.7	50.7	50.9	51.5	52 3	52.7	53.1	53.7	52.48
30	54.0	54.4	55.0	55.4	56.0	56.3	56.3	56.4	56.6	57.0	57.0	57.0	57.0	56.9	56.8	56.8	56.9	57.0	57.0	56.9	56.8	56.6	56.6	56.6	56.39
M.	56.77	56.74	56.65	56.68	56.66	56.69	56.74	56.82	56.89	57.00	56.90	56.77	56.62	56.49	56.41	56.41	56.44	56.58	56.53	56.54	56.61	56.54	56.56	56.49	56.64

Dezember 1923. (500 mm +). Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	56 4	56.4	56.5	56.8	56.3	56.2	56.1	56.2	56.5	56.9	56.7	56.4	56.0	55.7	55.5	55.6	55.6	55.7	55.6	55.5	55.6	55.8	55.2	55.1	55.97
2	55.0	54.8	54.6	54.3	54.0	54.0	54.0	54.1	54.2	54.1	53.7	53.5	53.2	52.8	52.7	52.4	52.2	52.4	52.2	51.8	51.6	51.5	51.5	51.4	53.17
3	51.2	51.2	51.1	51.1	51.1	51.0	50.9	51.0	51.0	51.1	51 1	51.0	50.7	50.4	50.5	50.8	51.1	51.5	51.6	51.7	51.7	51.7	51.7	51.8	51.17
4	51.8	51.8	51.8	52.0	52.1	52.4	52.7	52.8	53.1	53.3	53.2	53.0	52.9	52.9	52.7	52 4	52.5	52.1	51.4	51.5	51.5	51.2	51.8	51.2	52.23
5	51.0	51.0	51.0	50.8	50.5	50.7	50.9	51.0	51.0	51.5	51.3	51.2	51.2	51.0	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.10
6	51.2	51.2	51.2	51.3	51.3	51.5	51.6	52.0	52.2	52.4	52.3	52.2	52.2	52.3	52.5	52.7	53.0	53.0	53.2	53.5	53.7	53.7	53.7	53.7	52.40
7	53.7	53.7	53.7	53.8	53.9	54.0	54.2	54.5	54.8	54.9	54.7	54.4	54.5	54.5	54.8	55.1	55.0	55.2	55.4	55.7	56.0	56.2	56.2	56.2	54.80
8	56.2	56.0	56.0	56.0	56.1	56.3	56.5	56.5	56.5	56.4	56.3	56.1	56.1	56.5	57.0	57.1	57.2	57.2	57.2	57.2	57.3	57.2	57.1	57.0	56.68
9	56.9	56.8	56.7	56.6	56.6	56.5	56.1	56.0	56.0	56.1	56.0	55.8	55.6	55 4	55.2	55 2	55.6	55.8	56.0	56.1	56.4	56.7	57.1	57.3	56.19
10	57.5	57.7	58.0	58.1	58.3	58.7	59.2	59.5	59.9	60.3	60.4	60.5	60.6	60.8	61.1	61.3	61.6	61.9	62.3	62.6	62.8	63.2	63.2	63.2	60.53
11	63.2	63.3	63.4	63.5	63.6	63.8	63.9	64.2	64.4	64.6	64.6	64.5	64.5	64.7	64.9	65.0	65.1	65.2	65.3	65.4	65.4	65.6	65.6	65.5	64.56
12	65.4	65.3	65.2	65.1	65.0	64.9	64.8	64.9	65.0	65.2	65.1	65.0	64.7	64.7	64.7	64.8	64.7	64.7	64.8	64.8	64.7	64.6	64.5	64.4	64.87
13	64.3	64.3	64.2	64.0	64.0	64.0	63.9	64.0	64 0	64.1	64.0	63.9	63.7	63 6	63.6	63.6	63.7	63.7	63.8	63.7	63.6	63.6	63.6	63.5	63.85
14	63.5	63 4	63.4	63.3	63.3	63.3	63.6	64.0	64.1	64.2	64.0	64.0	64.1	64.0	64.0	64.2	64.0	64.0	64.0	64 0	64.1	64.0	63.7	63.5	63.82
15	63.2	62.8	62.4	62.0	61.6	61.3	61.2	60.9	60.9	61.2	61.0	60.6	60.4	60.2	60.0	59.8	59.9	60.0	60.2	60.3	60.2	60.1	60.1	60.2	60.85
16	60.3	60 3	60.3	60.2	60.2	60.2	60.5	60.8	61.0	61.5	61.2	61.0	61.0	61.2	61.4	61.6	61.6	61.9	62.1	62.4	63.0	63.3	63.5	63.5	61.42
17	63.6	63.5	63.6	63.6	63.4	63.5	64.1	64.5	64.7	64.7	64.5	64.5	63.9	63.9	64.2	64.2	64.1	64.1	64.1	64.1	64.1	64.0	64.0	63.8	64.08
18	63.6	63.6	63.6	63.5	63.5	63.8	63.8	63.9	63.9	63.7	63.1	62.6	62.3	62.3	62.3	62.1	61.8	61.2	61.0	61.0	61.0	60.9	60.5	60.2	62.47
19	60.0	59.8	59.0	58.8	58.2	58.0	57.8	57.7	57.4	57.8	56.8	56.5	55.9	55.3	54.8	54 3	54.3	53.8	53.6	53.2	52.8	52.4	52.0	51.6	55 89
20	51.2	51.0	50 5	50.2	50.2	50.4	50.5	50 7	51.1	51.4	51.5	51.2	50.9	51.1	51.4	51.9	52.2	52.3	52.7	53.0	53.2	53.5	53.5	53.4	51.68
21	53.0	52.7	52.2	51.8	51.4	51.0	50.8	50.7	50.7	50.7	50.3	49.8	49.5	49.0	49.0	49.3	49.8	49.5	49.7	49.8	49.8	49.8	49.7	49.4	50.37
22	49.2	49.0	48.9	48.8	48.7	48.7	48.8	49.0	49.1	49.4	49 3	49.2	49.0	48.8	48.7	48.4	48.2	47.9	47.5	46.9	47.1	47.0	47.2	47.0	48.41
23	47.1	47.4	48.0	47.7	48.0	47.8	47.8	47.9	47.9	47.8	47.4	46.8	46.0	47.2	48.0	48.8	49.1	49.3	49.0	49.5	50.1	50.4	50.5	50.4	48.38
24	51.0	51.4	51.7	51.9	52.0	52.2	52.5	52.5	52.7	53.0	52.8	52.5	52.2	51.2	50.5	49.8	49.0	49.0	48.0	47.5	47.8	47.8	47.5	48.8	50.62
25	50.0	51.0	51.7	52.2	52.6	52.8	53.2	53 5	54.4	55.1	55.4	55.6	55.7	56.0	56.2	56.4	56.4	56.5	56.2	56.0	55.8	55.8	55.7	55.5	54.57
26	55.2	54.8	54.2	53.4	52.4	51.8	50.8	50.8	50.0	49.9	49.7	49.0	48.1	47.6	48.3	49.5	50.1	50.4	50.6	51.1	51.1	51.4	51.8	51.8	50.95
27	51.5	51.8	51.5	51.5	51.0	50.7	50.6	50.2	50.7	50 9	51.0	50.9	50.7	51.0	51.7	52.1	52.7	53.1	53.7	54.2	54.4	54.5	54.4	54.2	52.04
28	54.0	53.7	53.8	53.6	52.5	51.1	50.5	49.9	50.0	49.9	49.0	48.1	47.8	47.5	47.1	46.7	46.7	47.0	47.3	47.7	48.9	50.8	51.6	52.4	49 88
29	53.1	53.6	54.0	54.4	54.8	55.3	56.0	56.7	57.2	57.6	57.6	57.7	57.7	57.8	58.0	58.3	58.4	58.4	58.5	58.4	58.2	58.1	58.1	58.0	50.91
30	58.0	58.0	57.9	57.5	57.3	57.0	56.4	56.0	55.4	55.1	54.5	54.1	53.7	53.2	52.9	52.8	52.9	52.9	52.9	52.9	52.8	53.0	53.0	53.1	54.72
31	53.2	53.3	53.5	53.7	54.1	54.6	55.3	55.8	56.5	57.1	57.2	57.3	57.4	57.5	57.7	58.3	58.6	58.9	59.9	59.0	58.8	59.0	59 0	58.9	56 86
M.	55 95	55 95	55 92	55.84	55 74	55.71	55.77	55 86	56.01	56.17	55.99	55 77	55.56	55 49	55 56	55.67	55.74	55.80	55.84	55 86	55.96	56 02	56.06	56.04	55 85

1923. **Tägliche Maxima und Minima der Barometerstände.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	59.8	**50.2**	**66.7**	64.9	56.0	51.1	61.0	58.9	70.8	68.0	66.3	63.7	66.9	65.0	66.0	59.3	66.4	60.0	**74.2**	69.3	**68.1**	66.0	56.9	55.1
2	61.9	60.0	66.6	65.2	55.5	48.8	62.4	60.5	**70.9**	69.0	66.3	65.3	64.9	64.0	70.2	65.5	68.7	66.4	68.7	64.4	65.7	63.0	55.0	51.4
3	60.9	57.0	65.7	62.4	48.0	**44.1**	62.4	60.2	68.7	67.0	65.0	59.7	66.7	64.2	71.2	69.8	68.1	67.8	63.8	53.4	64.1	63.0	51.8	50.4
4	58.5	56.4	62.0	58.5	53.6	45.8	59.9	56.8	68.3	66.9	59.1	**53.5**	69.2	66.4	71.5	70.3	68.8	67.2	52.7	**49.4**	62.6	60.0	53.3	51.2
5	58.6	56.5	58.5	58.0	59.7	53.9	56.6	55.6	69.0	67.6	59.5	54.6	70.4	69.2	70.1	69.2	68.5	68.0	59.0	52.9	59.9	57.4	51.5	50.5
6	59.9	55.6	57.8	53.4	60.2	58.2	55.6	53.9	70.8	68.8	62.5	59.4	71.3	69.4	70.0	68.6	69.7	68.3	61.3	59.3	57.3	56.2	53.7	51.2
7	61.6	60.0	54.6	53.4	58.0	53.2	53.8	52.0	70.5	69.3	65.5	62.0	71.2	69.7	70.4	68.8	69.5	68.8	63.6	60.8	56.2	54.5	56.2	53.7
8	61.7	60.1	54.0	51.3	53.1	52.4	52.0	49.3	69.0	65.7	68.7	65.0	70.4	69.4	72.1	69.6	70.1	68.5	62.8	59.5	54.0	51.3	57.3	56.0
9	62.8	61.4	57.3	51.8	53.5	52.7	54.1	49.0	65.4	56.4	71.0	68.1	70.0	69.3	**74.0**	71.8	70.3	69.0	67.0	62.6	53.0	49.9	57.3	55.2
10	61.5	54.7	57.5	56.5	53.0	52.0	60.2	54.3	55.3	**53.1**	**71.7**	70.7	71.6	69.4	73.9	72.4	69.4	68.7	68.0	66.8	59.3	53.0	63.2	57.5
11	54.6	52.9	56.7	54.4	55.3	51.6	61.5	60.0	57.1	54.2	70.7	67.6	73.6	71.5	72.1	71.0	69.2	68.3	66.8	63.7	66.7	59.1	**65.6**	63.2
12	53.3	51.9	58.0	55.0	60.3	55.4	59.7	56.8	58.5	56.0	67.4	66.0	74.7	73.2	71.1	70.4	68.8	67.8	63.7	59.8	67.3	64.9	65.4	64.4
13	58.7	53.4	58.1	57.6	59.9	58.0	56.7	53.4	60.3	58.3	65.7	61.6	**75.6**	74.1	71.8	70.1	67.5	65.0	59.3	54.3	64.8	58.9	64.3	63.5
14	61.6	58.7	59.0	57.7	57.7	54.4	52.8	49.5	59.7	58.2	63.2	60.0	74.9	73.5	71.7	70.3	64.7	60.1	57.0	54.3	58.5	51.7	64.2	63.3
15	62.7	60.4	57.6	55.9	59.6	54.3	52.1	49.9	60.7	58.0	63.5	62.0	73.3	68.5	70.2	66.0	61.5	58.3	60.9	57.0	56.0	51.6	63.2	59.8
16	60.0	55.3	57.4	56.0	62.4	59.7	54.7	52.1	60.5	59.2	61.6	57.8	68.3	67.1	66.3	65.5	66.6	61.8	62.5	60.1	62.0	54.4	63.5	60.2
17	59.0	55.6	56.0	52.9	62.2	61.0	58.2	54.5	61.0	60.0	59.6	58.3	67.5	66.9	65.6	62.7	67.2	62.7	67.7	62.6	61.7	58.4	64.7	63.4
18	60.2	58.3	53.0	47.8	62.0	60.2	57.9	56.5	60.4	59.4	60.2	58.5	67.0	66.4	62.1	**58.8**	62.4	60.2	68.9	67.7	58.2	48.4	63.9	60.2
19	62.9	59.7	47.5	**46.6**	62.0	61.4	56.4	54.3	61.2	59.4	62.5	60.1	68.3	66.0	64.3	59.5	64.1	60.9	69.4	68.1	49.3	**48.2**	60.0	51.6
20	61.5	51.4	51.1	**46.6**	61.8	60.5	54.3	53.0	63.0	60.8	62.9	60.4	72.3	68.3	65.8	63.5	63.5	59.3	69.2	66.9	50.0	48.5	53.5	50.2
21	60.2	52.9	50.9	47.7	61.8	61.0	52.6	**47.9**	64.0	62.6	66.2	62.9	72.8	71.8	66.0	65.0	61.5	**57.3**	66.4	60.7	52.0	50.1	53.0	49.0
22	64.5	60.3	48.2	47.4	63.2	61.7	52.9	51.0	65.8	63.4	67.4	65.7	72.2	70.9	65.5	64.5	64.2	61.6	60.8	57.3	51.8	50.4	49.4	46.9
23	65.3	61.8	50.7	47.8	63.4	62.3	56.1	52.1	65.6	64.7	66.4	63.3	70.7	67.5	67.2	65.5	62.8	60.3	59.0	55.7	54.8	51.1	50.5	**46.0**
24	70.3	65.1	50.6	49.2	66.3	63.3	59.2	56.2	64.6	62.7	69.0	67.5	67.1	65.9	65.8	60.2	63.5	60.3	58.7	53.9	58.6	54.3	53.0	47.3
25	**70.6**	69.0	54.0	49.6	**67.6**	65.8	61.2	59.0	62.5	57.9	67.2	62.6	67.6	66.0	66.1	59.8	66.0	63.6	63.5	51.2	59.9	56.8	59.5	50.0
26	69.6	67.4	54.0	51.2	67.5	67.0	61.0	58.6	58.8	56.6	62.2	60.6	65.5	63.8	65.5	64.6	69.8	65.9	63.1	61.6	57.2	53.2	55.2	47.6
27	67.0	62.7	51.0	49.3	67.1	66.4	58.3	55.0	61.7	58.9	64.8	61.4	65.5	63.5	65.0	62.2	71.6	69.7	62.6	60.3	55.8	53.3	54.5	50.2
28	64.0	62.1	53.1	50.0	66.3	65.7	58.9	55.1	62.5	59.7	65.5	64.0	64.9	64.1	65.6	62.0	73.1	71.5	62.3	59.3	55.2	51.3	54.0	46.7
29	63.8	59.9			66.1	65.2	62.0	58.7	63.7	60.5	66.0	64.5	64.7	63.0	65.7	64.8	74.5	72.6	67.9	62.4	53.7	50.7	58.5	53.1
30	63.3	58.5			66.0	64.7	**68.0**	62.0	63.1	59.0	67.4	65.5	64.6	63.4	66.5	64.3	**75.1**	74.2	68.4	67.7	57.0	54.0	58.0	52.8
31	66.5	63.3			64.4	59.7			64.5	62.8			64.3	**61.4**	65.7	60.2			68.4	67.1			59.9	53.2
Mittl. Max.	62.16		55.99		60.44		57.75		63.80		65.27		69.26		68.23		67.57		64.12		58.36		57.65	
Mittl. Min.	58.47		53.50		54.89		54.87		61.42		62.54		67.51		65.68		65.12		60.58		54.79		54.03	
Differenz	3.69		2.49		5.55		2.88		2.38		2.73		1.75		2.55		2.45		3.54		3.57		3.62	
Abs. Max.	70.6		66.7		67.6		68.0		70.9		71.7		75.6		74.0		75.1		74.2		68.1		65.6	
Abs. Min.	50.2		46.6		44.1		47.9		53.1		53.5		61.4		58.8		57.3		49.4		48.2		46.0	
Differenz	20.4		20.1		23.5		20.1		17.8		18.2		14.2		15.2		17.8		24.8		19.9		19.6	

1923. **Uebersicht über den täglichen Gang des Luftdruckes.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel 500 +	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Amplitude
Januar	60.25	−.19	−.19	−.26	−.43	**−.55**	−.51	−.39	−.21	−.05	.09	−.04	−.22	−.32	−.18	−.05	.10	.20	.33	.46	.51	**.52**	.47	.43	.37	1.07
Februar	54.73	.20	.10	−.01	−.05	−.09	−.05	−.02	.02	.12	.22	**.27**	.17	.06	−.09	−.10	−.10	−.05	−.02	−.01	−.06	−.08	−.08	−.13	**−.17**	.44
März	59.13	−.11	−.22	−.33	−.40	−.44	**−.45**	−.30	−.21	−.12	.06	.10	.10	.08	.02	.00	.03	.09	.21	.32	.38	**.41**	.33	.27	.22	.86
April	56.29	−.11	−.21	−.32	−.42	**−.47**	−.40	−.31	−.20	−.07	.08	.12	.11	.15	.10	.05	.03	.01	.07	.20	.33	**.37**	.30	.33	.28	.84
Mai	62.72	−.10	−.26	−.38	**−.45**	−.44	−.36	−.25	−.16	−.07	.07	.18	.23	**.31**	.29	.25	.20	.11	.11	.15	.22	.25	.14	.09	−.04	.76
Juni	63.89	.00	−.17	−.35	−.47	**−.52**	−.51	−.43	−.33	−.22	−.08	.01	.06	.10	.11	.11	.12	.19	.19	.24	.34	.46	**.48**	.42	.28	1.00
Juli	68.44	.01	−.16	−.34	−.41	**−.44**	−.39	−.29	−.19	−.05	.12	.19	**.23**	.21	.20	.20	.10	.10	.12	.11	.16	.22	.20	.13	.00	.67
August	67.01	−.06	−.22	−.38	−.48	**−.54**	−.51	−.38	−.29	−.14	.04	.12	.16	.21	.25	.25	.23	.21	.20	.21	.28	**.32**	.23	.16	.07	.86
Septbr.	66.40	−.28	−.36	−.42	−.50	**−.53**	−.50	−.33	−.21	−.08	.08	.13	.10	.07	.09	.11	.13	.13	.17	.30	.43	**.45**	.44	.34	.29	.98
Oktbr.	62.34	.18	.06	−.15	−.27	**−.40**	−.38	−.30	−.11	.06	.18	.16	.09	−.04	−.01	−.02	−.06	−.01	.05	.16	.21	**.24**	.20	.14	.07	.64
Novbr.	56.64	.13	.10	.01	−.01	.02	.05	.10	.18	.25	**.36**	.26	.13	−.02	−.15	**−.23**	**−.23**	−.20	−.11	−.11	−.10	−.03	−.10	−.08	−.15	.59
Dezbr.	55.85	.10	.10	.07	−.01	−.11	−.14	−.08	.01	.16	**.32**	.14	−.08	−.29	**−.36**	−.29	−.18	−.11	−.05	−.01	.01	.11	.17	.21	.19	.68

Januar 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	2.3	WSW 0	WSW 0	WSW 0	WSW 6	WSW 10	WSW 11	WSW 7	WSW 4	WSW 4	WSW 1	WSW 1	WSW 2
2	0.8	SW 0	SW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	SW 0	ESE 0	ESE 0
3	15.7	S 24	S 30	S 30	S 30	S 40	S 30	SSE 19	SSE 3	SSE 0	SSW 6	SSW 30	SSW 26
4	0.7	WSW 4	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	SSW 0	SSW 0	SSW 12
5	5.0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 3	N 10
6	5.7	SW 23	SW 20	SW 29	SW 21	SW 9	SSW 1	SSW 1	SSW 1	SSW 0	SSW 0	WSW 0	WSW 0
7	15.5	SW 8	SW 7	SSW 0	SSW 2	WSW 11	WSW 16	WSW 14	SW 13	SW 7	SW 9	SW 11	SW 16
8	28.5	SW 50	SW 52	SW 48	SW 64	SW 58	SW 66	SW 68	SW 42	SW 36	SW 32	SW 18	SW 33
9	11.1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SW 1	SW 26	SW 24
10	12.8	SSW 14	SSW 19	SSW 15	SSW 20	SSW 18	SSW 20	SSW 18	SSW 16	SSW 12	S 20	S 16	S 32
11	0.5	WSW 0	WSW 2	WSW 0	WSW 0	NW 0	NW 0	NNW 0	NNW 0	NNW 0	NW 0	SW 0	SW 0
12	0.3	SW 0	SW 0	SW 0	SW 0	N 0	N 0	NW 0	NW 0	N 2	N 1	N 2	N 0
13	0.0	NE 0	NE 0	NE 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0
14	8.0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	ENE 0	ENE 0	ENE 0	ENE 0
15	14.3	WNW 28	WNW 19	NW 11	NW 14	NW 14	NW 7	NW 3	NW 7	NW 13	NW 20	NW 16	NW 12
16	11.5	S 12	S 2	SSE 32	SSE 26	SSE 38	SSE 30	SSE 20	SSE 20	S 3	S 15	S 12	S 16
17	0.8	W 0	WNW 0	W 0	WNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NW 0	NW 0	NW 1
18	0.0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	NNW 0	N 0	ENE 0	ENE 1
19	2.4	NE 0	NE 1	NE 0	NE 1	NE 0	NE 0	NE 2	NE 2	NE 2	NE 0	NE 4	NE 3
20	30.0	SSW 14	SSW 20	SSW 32	SSW 18	SSW 50	SSW 32	SSW 42	SSW 62	SW 58	SW 49	SW 52	SW 56
21	0.0	SW 0	S 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
22	15.2	S 0	ESE 0	ESE 0	E 0	W 15	ENE 13	ENE 12	NNW 3	NNE 2	ENE 2	NNE 21	NE 18
23	12.8	WNW 20	WNW 32	WNW 33	WNW 33	WNW 54	WNW 28	WNW 14	SW 22	NW 17	SE 14	WNW 16	WNW 9
24	18.7	E 16	NNW 20	NNW 31	NW 31	NW 32	NW 34	NNW 24	NNW 24	NW 19	WNW 15	N 20	N 19
25	2.8	SW 10	SW 18	SW 13	NW 11	ENE 0	ENE 0	ENE 0	ENE 0	WNW 0	WNW 0	WNW 0	W 1
26	0.5	S 3	S 0	S 2	S 8	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0
27	9.1	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	ENE 23	ENE 22	ENE 20	ENE 18	ENE 13
28	20.3	WNW 18	WNW 20	WNW 22	WNW 22	WNW 27	WSW 21	WSW 22	WSW 28	WSW 31	WSW 28	WSW 31	WSW 29
29	15.0	N 4	N 2	N 5	WSW 14	WSW 11	W 12	W 15	W 13	W 18	W 24	W 28	W 21
30	12.4	WSW 23	SW 19	SW 24	SW 24	SW 24	WNW 22	WNW 12	WNW 12	WNW 9	NW 9	NW 8	NW 7
31	15.5	W 7	W 4	W 3	W 8	W 10	W 9	W 20	W 25	W 28	WSW 33	WSW 32	WSW 21

Februar.

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	12.3	S 9	S 32	S 20	S 2	S 5	S 19	S 13	S 0	SW 7	W 4	NW 3	SW 4
2	45.5	SSW 20	SSW 14	SSW 16	SSW 22	SSW 16	S 23	S 20	S 17	S 20	S 28	S 36	S 50
3	37.2	SW 45	SW 39	SW 34	WSW 34	WSW 42	SW 46	SW 58	SW 54	WSW 46	WSW 52	WSW 56	WSW 54
4	18.7	WSW 12	SW 17	SW 22	SW 27	SW 22	SW 20	SW 22	SW 24	SW 22	SW 16	SW 23	SW 27
5	18.4	WSW 8	WSW 4	WSW 0	WNW 9	WNW 5	WNW 11	WNW 11	N 15	NE 14	NE 12	NNE 16	NNW 12
6	30.8	E 9	E 27	E 30	E 27	E 29	E 28	E 26	E 32	E 23	E 28	ENE 30	ENE 25
7	33.7	WNW 74	WNW 72	WNW 63	WNW 49	W 33	W 31	W 23	W 16	W 18	W 17	W 19	W 22
8	21.3	W 40	W 43	W 47	W 42	W 38	W 33	WSW 30	WSW 25	WSW 25	SSW 22	SSW 18	SSW 17
9	14.5	SSW 7	W 16	W 12	W 9	W 48	W 43	W 48	W 30	WNW 28	WNW 18	WNW 14	WNW 16
10	16.7	SSW 10	SSW 7	SSW 12	SSW 8	SSW 0	SSW 10	WSW 16	WSW 19	WSW 30	WSW 24	SW 20	SW 19
11	13.6	ESE 12	SE 15	SE 16	SE 19	WSW 19	WSW 25	WSW 20	WSW 11	WSW 9	WSW 8	SSE 5	SSE 11
12	12.7	NE 14	NE 16	NE 16	NE 16	NNE 20	NNE 24	NW 20	NNE 14	N 16	NNW 14	NNW 13	NNW 13
13	2.8	WNW 2	WNW 2	WNW 7	WNW 6	WNW 8	WNW 3	WNW 3	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0
14	20.0	WNW 1	WNW 3	WNW 3	WNW 4	WNW 8	WNW 6	WNW 10	WNW 10	WNW 10	NNW 12	NNW 8	WNW 12
15	28.6	WSW 50	WSW 50	WSW 52	WSW 56	WSW 48	WSW 50	WSW 60	WSW 60	WSW 41	WSW 21	WSW 26	W 18
16	25.3	WSW 26	WSW 24	WSW 26	WSW 24	WSW 22	WSW 16	WSW 20	WSW 18	WSW 15	WSW 19	WSW 30	WSW 30
17	15.6	WSW 20	WSW 20	WSW 14	WSW 14	WSW 14	WSW 12	WSW 16	WSW 20	SW 18	SW 15	SW 15	SW 15
18	17.8	SW 12	SW 7	SW 11	SW 7	SW 10	SW 9	SW 6	SW 16	WSW 24	WSW 24	WSW 16	WSW 14
19	17.3	SW 42	SW 56	SW 52	WSW 38	WNW 25	WNW 15	WNW 10	NW 13	NW 15	NW 14	NW 2	NNW 10
20	14.0	WSW 8	WSW 22	WSW 18	WSW 16	WSW 14	WSW 20	SW 13	SW 17	SW 16	SW 12	SW 8	SW 8
21	32.6	SSW 20	SSW 1	SSW 1	SSW 0	SSW 1	SSW 0	SSW 6	SSW 4	SSW 0	SSW 7	SSW 32	SW 36
22	26.6	SW 62	SW 58	SW 40	SW 36	SW 20	SW 20	SW 24	SW 28	SW 30	SW 34	SW 26	SW 18
23	22.5	SSW 4	SSW 8	SSW 3	W 14	SW 18	SW 0	SW 0	SW 0	SSW 9	WSW 20	SW 19	SW 20
24	18.6	SSW 30	SSW 23	SSW 22	SSW 14	SSW 15	SSW 14	SSW 30	SSW 30	SW 38	SW 14	SW 18	SW 6
25	18.4	E 18	E 0	E 0	E 0	E 0	E 0	S 1	S 1	W 0	W 7	W 15	W 40
26	18.8	SW 5	SW 5	S 7	S 13	S 11	S 4	S 1	SSW 0	SSW 21	SSW 18	SSW 26	SSW 20
27	27.3	SW 24	SW 30	SW 44	SW 32	SW 28	SSW 24	SSW 26	SSW 18	SSW 18	SSW 22	SW 36	SW 36
28	22.7	SSW 30	W 24	W 34	W 27	W 33	W 26	WSW 28	WSW 22	WSW 12	SW 12	SW 10	SW 12

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Januar. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 0	WSW 2	WSW 1	W 0	SW 1	SW 2	SW 2	SW 1	SSW 0	SSW 0	SSW 0	SSW 0	55
2	ESE 0	ESE 0	SSE 0	S 0	S 0	S 0	SW 1	SW 4	SW 4	SW 8	S 1	S 0	18
3	SSW 28	SSW 20	SSW 12	SSW 18	SSW 20	SSW 2	SSW 1	SSW 0	SSW 0	SSW 0	S 0	W 7	370
4	SSW 0	SSW 0	SSW 0	SSW 0	SSE 0	SSE 0	SSE 0	SSE 0	SE 0	N 0	N 0	N 0	16
5	ENE 16	ENE 13	ENE 13	S 2	S 0	S 0	S 0	SSW 0	SSW 0	SSW 19	SSW 19	SSW 25	120
6	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	SW 1	SW 15	W 16	137
7	SSW 14	SSW 10	SSW 15	SSW 4	SSW 0	SSW 22	SSW 26	SW 23	SW 33	SW 34	SW 36	SW 42	373
8	SW 29	SW 34	SW 21	SW 17	SW 10	SSW 7	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	685
9	SW 26	SW 24	SSW 14	SSW 10	SSW 13	SSW 19	SSW 18	SSW 18	SSW 20	SSW 20	SSW 18	SSW 16	267
10	S 24	SSW 26	SSW 16	SSW 9	WSW 10	WSW 0	WSW 0	WSW 0	WSW 1	WSW 0	WSW 0	WSW 0	306
11	SW 0	SW 5	SW 0	SW 0	WSW 0	WSW 0	WSW 6	WSW 0	WSW 0	WSW 0	SW 0	SW 0	13
12	N 0	N 2	N 0	N 0	N 0	NNW 0	NNW 0	NE 0	NE 1	NE 0	NE 0	NE 0	8
13	N 0	N 1	N 0	N 0	N 0	ESE 0	ESE 0	ESE 0	NE 0	ENE 0	ENE 0	NE 0	1
14	ENE 0	ENE 0	ENE 0	N 0	WNW 30	W 19	NW 18	NW 24	NE 29	WNW 29	WNW 22	W 22	193
15	W 16	W 14	WSW 20	WSW 12	WSW 19	WSW 11	SW 20	SW 13	SW 15	SW 12	SW 12	SW 16	344
16	S 16	S 18	WSW 5	WNW 1	WNW 3	WNW 1	WSW 6	WSW 1	WSW 0	WSW 0	WSW 0	W 0	277
17	NW 6	NNW 4	NNW 2	NNW 4	NNW 3	WNW 0	NNW 0	NNW 0	NE 0	NE 0	N 0	N 0	20
18	ENE 0	ENE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	1
19	NNE 0	N 19	NW 10	NW 3	NW 3	NE 2	NE 0	NE 0	NE 0	NE 6	NE 0	NE 0	58
20	SW 56	SW 42	SW 30	SW 34	SW 31	SW 21	WSW 14	WSW 7	WSW 0	WSW 0	SW 0	SW 0	720
21	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	E 0	E 0	E 0	0
22	ENE 18	ENE 21	ENE 25	ENE 26	ENE 32	ENE 30	ENE 26	NE 16	NE 18	NNE 18	NNE 28	NNW 20	364
23	WNW 0	WSW 0	WSW 0	W 3	SW 0	SSW 0	SSW 0	SSW 0	SSE 0	SSE 0	SE 0	E 11	306
24	NW 14	NW 20	NW 26	NW 21	NNW 21	NNW 26	WNW 13	WNW 0	WNW 0	NNW 7	NNW 6	NNW 10	449
25	W 4	W 0	W 0	NW 0	NW 5	NE 0	NE 0	NE 0	SSE 1	S 1	S 2	S 0	66
26	S 0	W 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	NNE 0	NNE 0	NNE 0	13
27	ENE 9	ENE 6	ENE 1	ENE 7	ENE 1	ENE 14	ENE 13	ENE 6	ENE 14	ENE 12	N 14	NW 26	219
28	W 26	WNW 28	WNW 27	N 31	N 25	N 13	N 8	N 3	N 11	N 5	N 5	N 6	487
29	W 25	W 26	W 25	W 21	W 24	WSW 27	WSW 16	WSW 6	WSW 5	WSW 5	WSW 2	WSW 12	361
30	NW 7	NW 6	NW 2	NW 0	WSW 14	WSW 16	WSW 8	W 11	W 10	W 12	W 12	W 7	298
31	WSW 28	WSW 15	WSW 15	WSW 13	WSW 12	WSW 22	WSW 16	WSW 14	WSW 8	WSW 9	WSW 9	S 11	372

Februar.

1	SW 4	SW 3	SW 7	SW 6	SW 8	SW 28	SW 22	WSW 21	S 21	S 20	S 18	S 20	296
2	SSW 42	SSW 56	SSW 62	SSW 74	SSW 70	SSW 76	SSW 86	SSW 94	SW 70	SW 70	SW 60	S 50	1092
3	WSW 61	WSW 58	WSW 45	WSW 36	WSW 32	W 28	WNW 22	WNW 15	WNW 0	WSW 5	WSW 12	WSW 18	892
4	SW 24	WNW 23	WNW 23	W 18	W 16	NW 14	WNW 20	WNW 19	WNW 14	WNW 10	WSW 5	WSW 9	449
5	NE 16	ENE 26	NE 20	E 34	E 34	E 36	E 34	E 40	E 26	E 18	E 16	E 24	441
6	ENE 22	ENE 22	ENE 15	ENE 10	WNW 12	W 23	W 38	W 50	W 52	W 50	W 61	W 69	738
7	W 29	W 26	W 31	W 37	W 33	W 25	WNW 22	WNW 24	WNW 28	WNW 41	W 37	W 40	810
8	SSW 13	SSW 6	SSE 0	E 6	E 13	NNE 24	NNE 23	N 19	S 6	SSW 10	SSW 7	SSW 4	511
9	WNW 4	WNW 8	W 12	W 11	W 9	W 8	W 3	W 0	W 0	W 0	W 0	SSW 4	348
10	SW 14	SW 20	SW 15	SW 29	WSW 23	WSW 37	WSW 18	WNW 18	NW 14	NNW 12	NNE 15	NNE 11	401
11	SSE 10	SSE 7	SSE 0	SSE 7	SSE 11	E 14	E 13	E 20	E 23	E 20	E 16	E 15	326
12	NW 12	NW 10	NW 14	NW 10	NW 10	NW 10	NW 10	NNW 5	N 9	N 9	NW 4	NW 5	304
13	NW 0	WNW 6	WNW 4	WNW 3	WNW 2	WNW 4	WNW 9	WNW 5	WNW 1	WNW 0	WNW 0	WNW 0	66
14	W 10	WNW 16	WNW 24	WNW 24	SW 36	SW 36	WSW 38	WSW 34	WSW 42	WSW 40	WSW 48	WSW 46	481
15	W 13	W 3	W 4	W 12	W 10	WSW 12	WSW 14	WSW 10	WSW 8	WSW 18	WSW 20	WSW 30	686
16	WSW 28	WSW 22	WSW 24	WSW 26	WSW 30	WSW 30	WSW 28	WSW 32	WSW 38	WSW 28	WSW 26	WSW 26	608
17	SW 8	SW 20	SW 22	SW 20	SW 14	SW 14	SW 22	SW 14	SW 20	SW 14	SW 6	SW 8	375
18	WSW 24	WSW 20	WSW 21	SW 18	SW 23	SW 26	SSW 22	SSW 20	SW 18	SW 13	SW 25	SW 42	428
19	NNW 7	NNW 11	NNW 17	NW 11	NW 8	NW 6	NW 14	NW 7	W 11	W 13	W 8	W 9	414
20	SW 8	SW 10	SW 12	SW 12	SW 16	SW 16	SW 16	SSW 12	SSW 16	SSW 18	SSW 16	SSW 12	336
21	SW 50	SW 48	SW 50	SW 46	SW 54	SW 56	SW 58	SW 62	SW 76	SW 50	SW 70	SW 54	782
22	SW 22	SW 22	SSW 22	SSW 14	SSW 11	SSW 17	SW 22	SW 32	SW 26	SW 24	SW 19	SSW 12	639
23	SW 14	WSW 22	WSW 36	WSW 32	SW 46	SW 48	SW 48	SW 40	SW 38	SSW 36	SSW 29	SSW 35	539
24	SW 0	SSW 0	S 11	S 0	S 0	SSW 0	SW 8	WSW 26	WSW 32	SW 26	SW 52	W 38	447
25	W 34	W 56	W 54	N 36	N 40	N 30	SSW 28	SSW 22	SSW 28	SSW 16	SSW 12	SW 3	441
26	SSW 14	SSW 9	SSW 2	SSW 3	SSW 20	SW 14	WSW 50	SW 60	SW 42	WSW 44	SW 32	SW 30	451
27	SW 38	SW 28	SW 30	SW 22	SW 20	SW 23	SW 24	SW 35	SW 28	SW 22	SSW 21	SW 25	654
28	SW 7	WSW 17	WSW 10	WSW 8	SSW 13	SSW 26	SW 29	SW 33	W 40	W 42	W 20	W 29	544

März 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	17.3	W 29	W 18	W 28	WSW 25	WSW 31	WSW 30	WSW 28	SW 28	SW 28	SW 19	SW 14	SW 12
2	9.7	SSW 0	SSW 0	SSW 2	SSW 4	SSW 0	SSW 0	SSW 18	SSW 28	SSW 32	SSW 36	SSW 20	SSW 23
3	9.8	SSW 5	SSW 8	S 0	S 2	S 6	S 7	S 0	S 0	S 0	S 0	WSW 9	WSW 10
4	0.4	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 2	SW 0	SW 0
5	4.0	NNE 0	NNE 0	NNE 1	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	S 0
6	9.5	NW 0	NW 0	NW 2	NW 0	NW 6	NW 5	NW 1	NW 2	NW 13	NW 13	NW 5	NW 5
7	33.3	W 34	W 34	W 28	W 30	W 26	W 30	WNW 53	W 49	W 60	W 60	W 38	W 48
8	3.0	W 10	W 10	W 0	W 0	W 0	W 0	SW 0	S 15	SW 17	SW 9	SSW 0	SSW 1
9	0.0	ENE 0	ENE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NNW 0	NNW 0
10	0.0	WNW 0	WNW 1	NW 0	NW 0	NW 0	NW 1	NW 0	NW 0	SW 0	SW 0	SW 0	SW 0
11	0.2	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	ENE 0	NE 1	NE 0
12	1.7	NW 1	NW 0	NW 0	NW 0	NW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0
13	21.1	E 22	E 32	E 34	E 18	E 19	E 23	E 22	E 19	E 17	E 26	E 28	E 31
14	18.7	E 11	E 30	E 40	E 40	E 30	NE 36	NE 44	NE 18	NE 10	NE 17	NE 31	NE 32
15	17.5	E 3	SE 10	SE 12	SE 16	S 13	S 21	S 16	SE 22	SE 24	SE 20	SE 17	SE 12
16	18.3	E 8	E 14	E 30	E 24	E 22	E 24	E 19	SSE 26	SSE 23	SSE 23	SE 16	SE 21
17	20.0	E 15	E 16	E 16	E 13	E 12	E 14	E 19	E 18	E 16	E 23	E 25	E 25
18	9.4	ENE 10	ENE 10	ENE 2	ENE 1	S 0	S 0	S 1	S 8	S 13	SW 15	SW 14	SW 8
19	14.7	SE 18	SE 12	SE 14	SE 10	SE 14	SE 24	SE 12	SE 14	S 16	S 16	S 15	S 23
20	8.3	NE 1	NE 0	NE 1	NE 3	NE 14	NE 14	NE 4	NE 0	NE 4	NE 5	NE 0	NE 0
21	10.8	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 2	SSE 6	SSE 2	SSE 10	SW 9	SW 13
22	15.5	WSW 18	WSW 22	WSW 20	WSW 20	WSW 23	WSW 18	WSW 13	WSW 8	SSE 9	SSE 3	SSE 10	SSE 10
23	11.9	SSE 13	SSE 0	SSE 0	SSE 8	SSE 12	SSE 7	SSE 0	SSE 3	SE 12	S 16	S 10	S 13
24	2.7	W 18	W 13	W 9	W 9	W 7	E 0	E 1	E 5	E 2	E 1	E 0	E 0
25	7.1	E 0	E 0	E 13	E 0	E 4	E 12	E 14	E 12	E 12	E 8	E 13	E 5
26	8.5	S 1	S 0	S 9	ENE 15	ENE 17	ENE 18	ENE 14	ENE 16	ENE 11	ENE 6	ENE 11	ENE 4
27	6.2	SE 2	SE 0	SE 0	SE 0	E 6	E 14	E 14	E 11	E 5	E 1	ESE 0	ESE 0
28	8.3	SW 12	W 18	W 20	W 17	W 11	W 8	SW 11	SW 4	SW 0	SW 0	SSW 1	SSW 0
29	1.1	WNW 3	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	NW 0	N 0	N 0	N 1	NW 2	NW 2
30	5.2	SE 8	ESE 13	ESE 5	SE 8	S 6	S 6	S 9	S 7	S 1	S 0	S 0	S 0
31	27.3	WSW 22	WSW 28	WSW 19	WSW 16	WSW 18	SW 17	SW 20	SW 11	SW 12	SW 15	WSW 28	WSW 34

April.

1	12.8	W 30	W 30	W 30	WSW 28	W 17	W 22	W 22	W 14	W 16	WSW 12	WSW 19	SSW 10
2	9.3	NE 13	NE 9	NE 7	NE 5	NE 0	NE 0	NE 9	NE 3	NE 2	NE 1	NE 0	NE 2
3	22.3	WSW 25	WSW 29	WSW 39	WSW 45	WSW 37	WSW 37	WSW 40	WSW 39	WSW 37	WSW 31	WSW 23	WSW 18
4	8.0	WNW 1	WNW 10	W 14	WSW 13	WSW 12	WNW 11	WNW 10	WNW 0	WNW 0	WNW 0	W 0	W 6
5	13.4	SSW 11	WSW 22	WSW 26	WSW 30	WSW 28	WSW 25	WSW 25	WSW 22	WSW 12	SW 14	SW 17	SW 14
6	10.2	SW 6	SW 1	SE 3	SE 8	ESE 10	ESE 16	ESE 13	ESE 13	ESE 12	ESE 6	SE 16	SE 11
7	4.6	S 1	S 8	S 6	S 6	S 10	S 7	S 0	S 0	E 0	E 0	E 0	E 0
8	13.3	SW 4	SW 7	SW 9	SW 9	SW 11	SW 7	SSW 13	SSW 11	SSW 11	SSW 12	SSW 22	SSW 18
9	13.5	S 28	S 26	S 30	S 34	S 40	S 30	S 32	S 18	S 14	S 12	SSW 12	S 14
10	11.0	W 7	W 8	W 1	W 0	W 1	SW 0	SW 0	SSW 0	SSW 0	SSW 0	S 0	SSE 3
11	15.5	WSW 25	WSW 23	WSW 22	WSW 19	WSW 16	WSW 20	WSW 22	WSW 24	WSW 17	WSW 16	WSW 14	SW 12
12	24.0	WSW 24	WSW 23	WSW 20	WSW 14	WSW 4	WSW 22	WSW 33	WSW 36	WSW 31	WSW 19	SW 0	SW 3
13	25.7	S 37	S 35	S 32	S 36	S 38	S 28	S 29	S 38	S 33	S 32	SSW 24	SSW 30
14	15.9	S 15	SSW 13	S 16	SW 22	WSW 19	WSW 18	WNW 13	W 0	W 0	W 0	W 0	W 0
15	7.6	WNW 23	W 13	W 8	WNW 10	WNW 9	WNW 13	WNW 11	WNW 9	WNW 7	WNW 5	WNW 4	WNW 2
16	6.0	WNW 6	WNW 7	WNW 9	WNW 7	WNW 4	WNW 10	WNW 9	WNW 6	W 4	W 1	WNW 0	W 1
17	9.8	WNW 9	WNW 7	WNW 8	WNW 1	WNW 2	N 6	N 0	WNW 9	WNW 22	WNW 18	W 14	WSW 13
18	21.0	WSW 9	WSW 10	WSW 14	WSW 10	WSW 8	WSW 3	SW 3	SW 0	SW 0	SW 1	SSW 5	SSW 12
19	26.3	WSW 48	WSW 48	WSW 40	WSW 39	WSW 33	WSW 28	WSW 21	WSW 19	WSW 14	WSW 19	W 25	W 29
20	20.6	WSW 17	WSW 15	WSW 15	WSW 14	WSW 15	WSW 12	SSW 8	SSW 1	SSW 0	W 12	WSW 34	WSW 23
21	33.3	S 41	S 48	S 41	S 33	S 12	S 15	S 39	S 30	S 34	S 39	S 30	S 60
22	7.0	SSW 11	SSW 7	SSW 1	SSW 4	SSW 4	SSW 0	S 0	S 3	S 10	S 12	SSW 13	S 18
23	11.8	E 13	ENE 6	ENE 12	N 10	N 13	N 8	N 2	N 0	N 0	NW 9	NW 13	NW 9
24	7.5	W 14	W 7	W 6	WSW 14	WSW 7	WSW 6	WSW 10	WSW 6	WSW 5	WSW 1	WSW 0	WSW 0
25	11.6	W 0	W 2	W 0	W 0	W 0	W 11	WSW 14	SW 14	SW 13	SW 5	SW 0	SW 2
26	25.8	S 15	S 17	S 22	S 23	S 15	S 21	S 26	S 28	S 30	S 24	S 18	S 21
27	13.3	NNW 34	S 35	S 20	S 29	S 18	S 10	S 17	SSW 20	SSW 9	S 15	S 3	S 2
28	11.0	NE 10	NE 18	NE 10	NE 3	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	N 11	W 18
29	16.6	W 14	W 15	W 15	W 12	W 13	W 11	W 15	W 13	W 12	W 12	WSW 16	WSW 12
30	26.7	W 19	W 23	W 20	W 21	WSW 22	WSW 23	WSW 22	WSW 22	WSW 25	WSW 27	SW 33	SW 37

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). März. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 17	WSW 19	WSW 16	SW 14	SW 3	SW 10	SW 18	WSW 11	WSW 12	SSW 2	SSW 1	SSW 1	414
2	SSW 9	SSW 26	SSW 9	SSW 11	SSW 3	SSW 7	SSW 5	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	233
3	SW 34	SW 22	SW 8	SW 8	SW 17	SW 28	SW 28	SSW 20	SW 14	SW 8	SW 1	SW 1	236
4	SW 0	SW 0	W 0	W 0	E 0	E 0	E 0	E 7	E 1	NNE 1	NNE 0	NNE 0	11
5	N 1	N 1	N 2	N 1	N 0	NW 13	NW 16	NW 14	NW 18	NW 16	NW 12	NW 1	96
6	WNW 3	WNW 12	WNW 12	WNW 12	WNW 10	WNW 8	WNW 12	WNW 13	WNW 13	W 22	W 24	W 34	227
7	W 42	WNW 42	WNW 42	WNW 39	WNW 17	W 24	WSW 20	SW 12	NW 16	W 18	W 18	W 20	800
8	SSW 2	SSW 8	SSW 1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	ENE 0	ENE 0	ENE 0	73
9	NNW 0	NNW 1	NNW 0	NNW 2	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	WNW 0	WNW 0	3
10	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	2
11	NW 0	NE 1	NE 0	NE 0	NE 0	NNW 0	NNW 3	NNW 0	N 0	N 1	N 0	NNW 0	6
12	NNW 0	NNW 0	NNW 0	NNW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	E 21	E 20	42
13	E 28	E 18	E 11	E 13	E 16	E 17	E 21	E 20	E 23	E 13	E 10	E 25	506
14	NE 39	NE 31	SSE 15	SSE 17	SSE 9	SSE 0	SSE 0	SSE 0	SSE 0	E 0	E 0	E 0	450
15	SE 20	SE 12	SE 20	SE 30	E 12	E 32	E 21	E 19	E 16	E 26	E 15	E 11	420
16	SE 17	SE 20	SE 17	SE 16	E 22	E 18	E 5	E 9	E 18	E 17	E 17	E 14	440
17	E 22	NE 18	NE 18	NE 17	NE 22	NE 28	NE 26	ENE 28	ENE 24	ENE 34	ENE 17	ENE 13	479
18	SW 14	SW 15	SW 16	SW 17	SW 10	SW 12	SW 8	SSE 3	SSE 11	SSE 14	SE 12	SE 12	226
19	S 21	S 28	S 23	S 19	NE 12	NE 17	NE 14	NE 12	NE 10	NE 3	NE 3	NE 3	353
20	NE 0	SSE 5	SSE 11	SSE 17	SSE 22	SSE 18	S 24	S 20	S 20	SSE 8	SSE 5	SSE 3	199
21	WSW 21	WSW 31	WSW 18	WSW 16	WSW 14	WSW 12	WSW 10	WSW 16	WSW 14	WSW 18	WSW 26	WSW 22	260
22	SSE 16	SSE 10	SSE 8	SSE 8	SSE 14	SSE 14	S 21	S 25	S 28	S 20	SSE 18	SSE 15	371
23	S 17	SSW 15	SSW 13	SSW 14	SSW 16	SSW 8	SSW 5	SSW 11	SSW 25	W 20	W 20	W 28	286
24	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	65
25	E 4	S 10	S 7	S 9	S 8	S 10	S 12	S 10	S 0	S 0	S 1	S 7	171
26	ENE 4	ENE 0	E 8	SSE 5	SSE 7	SSE 9	SE 13	SE 12	SE 10	SE 6	SE 8	SE 0	204
27	E 1	E 2	SE 3	SSW 6	SSW 11	SSW 8	SSW 8	SSW 10	SSW 7	SSW 8	SSW 12	SSW 20	149
28	SSW 0	SSW 0	SSW 4	SSE 4	SSW 10	SSW 6	SSW 8	S 7	SW 10	W 15	WNW 16	WNW 18	200
28	NW 2	NW 0	NW 0	NW 0	NW 0	NE 0	NE 0	NE 0	NE 0	NE 0	ENE 6	SE 10	27
30	S 0	S 0	SSW 0	SSW 0	SSW 2	SSW 2	SSW 5	SSW 1	SSW 3	SSW 9	SSW 20	SSW 20	125
31	W 34	W 38	W 46	W 42	W 58	W 41	W 32	W 29	W 29	W 25	W 11	W 29	654

April.

1	SSW 4	SSW 3	SSW 0	SSW 4	SSW 4	SSW 0	SSW 0	SSW 3	NE 10	NE 10	NE 10	NE 10	308
2	SW 0	SW 1	SW 0	SW 1	SW 13	WSW 19	WSW 16	WSW 20	WSW 18	WSW 28	WSW 27	WSW 29	223
3	WSW 16	WNW 16	W 12	W 8	WSW 12	WNW 10	WNW 18	WNW 9	WNW 14	WNW 13	WNW 4	WNW 4	536
4	SSW 13	SSW 8	SSW 6	SSW 6	SSW 8	SSW 5	SSW 2	SSW 11	SSW 12	SSW 13	SSW 14	SSW 16	191
5	SW 8	SW 12	SW 10	SW 15	SW 7	SW 5	SW 2	SW 0	SW 0	SW 0	SW 7	SW 10	322
6	SE 2	S 22	S 13	S 12	S 16	S 14	S 14	S 12	S 12	S 9	S 0	S 4	245
7	E 0	E 0	ENE 8	NNE 6	NNE 19	NNE 6	NNE 14	NNE 15	NNE 9	SW 4	SW 0	SW 0	110
8	SSW 18	SSW 12	SSW 15	SSW 7	SSW 2	SSW 1	S 7	SSW 16	S 16	S 26	S 28	S 38	320
9	S 11	SSE 7	SSE 0	SSE 0	SSE 1	SSE 1	SSE 2	W 5	W 0	W 0	W 0	W 8	325
10	SSE 10	S 7	SSW 11	SSW 16	SSW 16	SW 22	SW 26	WSW 31	WSW 33	WSW 26	WSW 23	WSW 24	265
11	SW 15	SSW 6	SSW 8	SSW 11	SSW 12	SSW 15	SSW 10	SSW 7	S 7	WSW 16	WSW 18	WSW 18	373
12	SW 12	SW 17	SW 13	SW 31	SW 26	SW 33	SW 37	SW 33	S 46	S 20	S 36	S 44	577
13	SSW 22	SSW 18	SSW 22	SW 17	SW 16	WNW 24	WNW 22	ENE 19	ENE 23	E 10	N 18	ESE 15	618
14	W 0	W 0	WSW 0	WSW 1	W 22	W 56	W 51	W 39	W 34	WNW 28	WNW 21	WNW 14	382
15	WNW 2	WSW 0	WSW 3	WSW 1	WSW 4	WNW 3	WNW 4	WNW 10	NW 14	WNW 10	WNW 9	WNW 8	182
16	W 0	WNW 3	WNW 6	WSW 4	WSW 6	NW 8	WNW 14	WNW 8	WNW 8	WNW 8	WNW 6	WNW 8	143
17	WSW 11	WSW 12	WNW 12	WNW 9	W 3	WNW 6	WNW 19	WNW 19	WNW 11	WNW 8	W 8	WSW 9	236
18	SSW 12	SSW 14	SSW 20	SSW 22	WSW 14	WSW 44	WSW 50	WSW 58	WSW 56	WSW 58	W 36	W 44	503
19	W 26	WNW 34	WNW 25	WNW 17	W 27	W 25	W 26	W 19	W 17	W 19	W 15	WSW 18	631
20	WSW 17	WSW 12	SW 16	N 25	S 31	S 33	S 20	S 22	S 51	S 30	S 33	S 39	495
21	S 49	S 46	S 42	S 50	S 52	W 18	WNW 34	WNW 18	NNE 20	WSW 25	SSW 11	SSW 12	799
22	S 16	S 12	S 14	S 14	S 7	S 11	S 8	SE 2	SE 0	SE 0	SE 0	ESE 0	167
23	W 10	W 18	W 20	W 24	W 20	W 20	W 22	W 16	W 18	W 18	W 0	W 2	283
24	WSW 5	WSW 12	WSW 15	WSW 9	WSW 3	W 10	W 12	W 14	W 14	W 9	W 0	W 0	179
25	SW 9	SW 18	SW 22	SW 20	SW 22	SSW 28	SSW 23	SSW 25	S 13	S 14	S 12	S 12	279
26	S 22	S 26	S 29	S 31	S 34	S 22	S 20	S 28	W 26	W 40	W 39	W 43	620
27	S 7	S 6	S 1	S 0	E 2	E 8	E 14	E 11	ENE 19	ENE 16	ENE 14	ENE 8	318
28	W 23	W 22	W 24	W 21	W 12	W 17	W 20	W 13	W 11	W 10	W 17	W 19	279
29	WSW 8	WSW 16	WSW 18	WSW 22	WSW 27	WSW 19	WSW 23	WSW 29	W 19	W 19	W 26	W 12	398
30	WSW 42	WSW 33	WSW 39	WSW 34	SW 38	SW 30	SW 30	SW 18	SW 20	SW 22	SW 18	SW 22	640

Mai 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	—	SW	SW	SW	SW	SW	SW	SW	SW 30	SW 50	SW 48	SW 44	SW 38
2	25.7	WSW 42	WSW 41	WSW 38	WSW 37	WSW 32	WSW 38	WSW 28	WSW 26	WSW 26	WSW 22	SW 21	SW 24
3	22.7	WSW 19	WSW 30	WSW 29	WSW 37	WSW 36	WSW 36	WSW 32	WSW 34	WSW 30	WSW 24	WSW 20	WSW 16
4	—	WNW 15	W 11	W 12	ENE 16	ENE 14	ENE 10	E 10	N 16				
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20	—												
21	25.9	SSW 28	SSW 26	SSW 27	SW 28	SSW 29	SSW 37	SW 32	SW 32	SSW 23	SSW 16	SSW 14	SSW 14
22	27.4	SW 36	SW 31	SW 31	WSW 30	WSW 32	WSW 28	WSW 20	SW 23	SW 19	SSW 10	SSW 25	SSW 29
23	21.7	SW 18	SW 18	SW 18	SW 24	SSW 21	SSW 32	SSW 35	SSW 34	SSW 30	SSW 25	SSW 23	S 15
24	24.9	SW 36	SSW 46	SSW 42	SSW 42	SSW 39	SSW 29	SW 23	SSW 19	SW 29	SSW 31	WSW 26	WSW 24
25	19.7	SW 1	SW 5	SW 9	SW 12	SSW 17	SSW 19	SSW 31	SSW 23	SSW 16	S 20	S 22	S 21
26	19.2	ESE 29	ESE 31	ESE 31	SE 27	SE 26	SE 16	SE 29	SSE 23	SSE 24	S 20	SSW 22	WSW 18
27	18.9	SE 3	SE 0	SE 0	SE 0	SE 0	SE 0	ESE 0	ESE 3	ESE 8	ESE 11	ESE 9	ESE 14
28	29.8	S 40	S 40	SE 32	SE 27	SE 29	SE 24	SE 34	SE 36	S 26	S 27	S 38	SE 32
29	16.3	NNW 14	NNW 3	NNW 1	SE 3	SE 12	SE 11	S 31	SSW 29	SSW 27	SSW 25	SSW 25	S 31
30	29.7	W 26	W 44	SW 31	S 39	S 50	S 50	S 30	S 30	S 24	S 11	SW 8	SSW 17
31	21.3	SSW 15	SSW 17	SSW 16	SSW 20	SSW 18	SSW 20	SSW 14	SSW 13	S 19	S 16	S 14	S 28

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1	14.8	SW 14	WSW 36	WSW 30	WSW 38	WSW 29	WSW 29	WSW 25	WSW 18	SW 17	WSW 23	W 17	WNW 14
2	5.6	NNE 3	NNE 2	NNE 0	NNE 5	NNE 6	NNE 13	NE 17	NNE 13	NE 17	NE 8	ENE 1	ENE 0
3	16.8	NNW 0	NNW 0	NW 4	NW 8	NW 4	NNW 8	NNW 0	NNW 0	WSW 4	WSW 9	WSW 18	WSW 19
4	27.4	W 48	W 50	WSW 43	WSW 42	WSW 38	WSW 38	WSW 32	WSW 28	WSW 28	WSW 33	WSW 29	W 27
5	4.6	WSW 0	WSW 0	WSW 0	WSW 0	SW 0	SW 0	SW 0	WNW 0	WNW 4	W 3	WSW 6	WSW 4
6	16.6	W 7	W 4	W 6	W 11	W 12	W 12	W 14	W 12	W 14	W 13	W 14	W 21
7	10.0	WNW 21	NW 18	NW 18	NW 16	SW 13	SW 19	SW 18	SW 7	SW 3	SW 7	SW 14	SW 14
8	15.2	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	WSW 0	WSW 2	WSW 0
9	33.0	W 36	W 34	W 32	W 40	W 38	W 39	W 39	W 36	W 40	W 36	WSW 27	WSW 28
10	19.6	WSW 25	WSW 24	WSW 25	WSW 21	WSW 14	WSW 8	WSW 13	WSW 16	WSW 20	WSW 17	WSW 13	WSW 6
11	25.3	WSW 28	WSW 29	WSW 32	W 30	W 27	WSW 35	WSW 28	WSW 32	WSW 32	WSW 30	WSW 31	WSW 29
12	4.9	N 0	N 0	N 6	N 4	N 5	N 0	N 0	N 0	N 3	W 2	WNW 5	WNW 8
13	42.5	W 21	W 25	W 21	W 24	W 27	W 32	WSW 36	WSW 41	WSW 45	SW 61	SW 54	SW 51
14	22.4	W 60	W 50	W 45	W 44	W 47	W 36	W 24	W 27	W 26	WSW 27	WSW 19	WSW 13
15	6.6	WSW 9	WSW 7	WSW 7	WSW 8	WSW 9	WSW 9	WSW 8	WSW 12	WSW 4	WSW 3	SW 7	SW 5
16	19.9	WSW 8	WSW 8	WSW 5	SW 0	SW 0	SW 0	SW 10	SW 31	SW 29	WSW 21	SW 29	WSW 37
17	1.1	WSW 2	WSW 1	WNW 1	WNW 0	NW 1	NW 0	WSW 0	SW 4	SW 4	SW 1	SW 0	SW 0
18	0.0	W 0	W 0	W 0	W 0	W 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0
19	0.0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	NW 0
20	12.9	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	WSW 3	WSW 7	WSW 9	WSW 7	SW 13	SW 29
21	3.5	WSW 6	WSW 10	WSW 7	WSW 2	WSW 2	WSW 1	WSW 0	WSW 1	WSW 6	WSW 2	WSW 2	WSW 0
22	24.2	SE 0	SW 11	SW 18	WSW 16	WSW 13	WSW 13	SW 18	SW 18	SW 18	SW 32	SW 25	SW 32
23	17.3	SW 20	SW 19	SW 16	SW 16	SW 15	SW 15	SW 10	SW 13	WSW 29	WSW 29	WNW 13	WNW 5
24	12.5	N 17	N 18	N 9	N 6	NE 5	NE 8	NE 21	E 19	E 14	E 17	E 6	E 7
25	26.7	SW 19	SW 21	SW 19	SW 16	SW 23	SW 20	SW 25	SW 28	SW 28	SW 25	SW 34	SW 28
26	23.5	SW 44	SW 52	SW 34	SW 43	SW 28	SW 33	SW 34	SW 34	SW 29	SW 45	WSW 26	WSW 39
27	10.8	NW 8	NW 7	NW 7	NW 4	NW 6	NW 4	NW 7	NW 7	NW 3	SW 17	SW 10	SW 8
28	28.3	WSW 18	WSW 19	WSW 17	WSW 16	WSW 17	WSW 17	WSW 13	WSW 1	WSW 5	SW 11	SW 13	
29	25.7	SW 25	SW 23	WSW 18	WSW 17	WSW 15	WSW 14	WSW 19	SW 16	WSW 8	WSW 8	WSW 16	WSW 29
30	22.9	W 8	W 14	W 14	W 16	W 12	W 12	WSW 13	WSW 14	SW 19	SW 21	SSW 24	SW 21

Anmerkung. Der Windmessapparat befand sich vom 4.—20. Mai in Reparatur.

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Mai. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SW 40	WSW 32	WSW 38	WSW 32	WSW 28	WSW 34	WSW 36	WSW 30	WSW 34	WSW 33	WSW 37	WSW 28	—
2	SW 27	SW 21	SW 20	SW 11	SW 11	SW 15	SW 23	WSW 26	WSW 24	WSW 24	WSW 20	WSW 20	617
3	WSW 13	WNW 21	WNW 18	WNW 28	WNW 18	WNW 18	WNW 8	WNW 17	NW 11	NNW 12	NNW 19	NNW 18	544
4													—
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20							S 5	S 2	S 2	SSW 14	SSW 22	SSW 24	—
21	SSW 13	SSW 13	SSW 14	SSW 20	SSW 18	WSW 26	WSW 44	WSW 35	WSW 33	SW 30	SW 36	SW 34	622
22	SSW 27	SSW 29	SW 14	S 28	SW 42	WSW 48	SW 36	SW 31	SW 19	SW 18	SW 28	SW 24	658
23	SSW 19	SSW 21	SSW 16	SSW 18	SSW 14	S 14	S 13	S 15	SSW 17	SSW 25	SW 27	SW 28	520
24	WSW 20	WSW 14	SW 18	SW 22	WSW 22	WSW 20	WSW 13	WSW 29	WSW 28	WSW 18	SW 6	SW 2	598
25	S 22	S 19	S 22	S 23	S 21	S 23	SE 15	SSE 30	SSE 30	ESE 22	SE 20	SE 30	473
26	SW 24	SSE 21	SSE 16	SSE 19	SSE 14	SE 12	SE 5	SE 17	SE 18	SE 12	SE 1	SE 5	460
27	SSE 18	SSE 22	SSE 19	SSE 19	SSE 30	SSE 30	SSE 24	S 40	S 46	S 50	S 52	S 56	454
28	SE 36	SW 22	SW 22	SW 24	SW 14	W 40	W 24	WNW 38	WNW 32	WNW 28	WNW 28	NNW 21	714
29	S 22	S 17	S 20	SSE 18	SE 11	E 9	E 12	SE 12	SE 16	S 14	S 11	SW 17	391
30	WSW 17	S 32	S 27	S 28	S 28	S 46	S 24	SSW 25	S 26	SSW 30	SSW 38	SSW 32	713
31	S 19	S 16	SSE 19	S 24	S 23	SSE 21	SSE 21	SSE 26	S 31	S 44	S 36	S 20	510

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Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 12	W 10	WNW 8	WNW 3	WNW 2	WNW 0	NW 3	NW 0	N 6	NNE 8	NNE 7	NNE 6	355
2	NNE 0	NNE 13	NNE 16	NNW 3	NNW 6	NNW 6	NNW 2	NNW 1	NNW 3	NNW 0	NNW 0	NNW 0	135
3	W 22	W 24	W 22	WNW 24	WNW 20	WNW 16	W 11	W 40	W 37	W 34	W 38	W 41	403
4	W 29	W 30	W 28	W 29	W 23	W 25	W 22	W 17	WNW 7	W 8	WSW 4	WSW 0	658
5	WSW 0	WSW 0	WSW 0	W 1	W 13	W 20	W 16	W 12	W 8	W 7	W 7	W 10	111
6	W 22	W 23	W 18	W 23	W 24	W 21	W 19	W 21	W 23	WSW 21	WSW 22	WNW 22	399
7	SW 11	SW 6	WSW 6	WSW 9	WSW 11	WSW 9	WSW 8	WSW 4	WSW 3	WSW 4	SW 0	SW 0	239
8	WSW 6	WSW 15	W 15	W 20	W 32	W 41	W 35	W 44	W 42	W 40	W 36	W 36	364
9	WSW 24	WSW 25	WSW 23	WSW 30	WSW 30	WSW 36	WSW 40	WSW 40	WSW 26	WSW 31	WSW 33	WSW 28	791
10	WSW 8	WSW 10	WSW 12	WSW 14	W 20	W 20	W 32	W 28	W 26	W 34	WSW 36	WSW 29	471
11	WSW 32	W 35	W 34	W 29	NW 19	NW 11	WNW 39	WNW 24	WNW 12	N 2	N 2	N 4	606
12	WNW 7	N 5	N 3	N 3	N 2	NW 2	W 0	WSW 3	SW 6	WSW 14	WSW 20	WSW 19	117
13	WSW 45	WSW 44	WSW 40	WSW 32	WSW 28	WSW 40	WSW 50	WSW 51	WSW 59	W 58	W 68	W 68	1021
14	WSW 12	WSW 10	WSW 12	WSW 13	WSW 13	WSW 8	WSW 9	WSW 7	WSW 11	WSW 9	WSW 8	WSW 7	538
15	SW 6	SW 2	SW 5	SW 2	SW 3	SW 7	SW 8	SW 7	SW 9	SW 8	SW 4	SW 8	158
16	WSW 52	WSW 54	WSW 52	WSW 52	WSW 38	SW 30	WSW 4	WSW 7	W 3	WSW 5	WSW 1	WSW 1	477
17	SW 4	SW 4	SW 0	SW 2	SW 0	SW 2	W 0	W 0	W 0	W 0	W 0	W 0	26
18	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	0
19	NW 0	NW 0	NW 0	NW 0	SW 1	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	1
20	SW 24	SW 31	WSW 34	WSW 39	WSW 29	WSW 22	WSW 18	WSW 10	WSW 12	WSW 11	WSW 6	WSW 6	310
21	SW 0	SSW 7	SSW 13	SW 14	SW 7	SW 5	SW 0	SW 0	SW 0	SW 0	SW 0	SE 0	85
22	SW 25	SW 25	WSW 31	WSW 26	WSW 40	WSW 32	WSW 42	WSW 40	WSW 30	WSW 28	SW 18	SW 18	580
23	WNW 11	WNW 12	WSW 16	WSW 28	W 27	W 26	W 16	W 18	W 16	NW 13	NW 14	N 19	416
24	E 7	E 8	E 1	ESE 4	S 6	SSW 7	SSW 11	SW 18	SW 26	SW 24	SW 21	SW 19	299
25	WSW 24	WSW 18	WSW 18	WSW 16	SW 22	NNW 24	SSW 24	SW 41	SW 43	SW 38	SW 44	SW 44	642
26	W 34	WSW 29	W 22	NNW 11	NW 11	NW 3	NW 0	NW 0	NW 0	NW 4	NW 0	NW 9	564
27	SW 14	SW 14	SW 16	SW 16	SW 14	WSW 18	SW 14	WSW 16	WNW 11	WNW 7	W 13	W 17	258
28	SW 21	SW 22	SW 25	SW 26	SW 21	SW 21	SW 27	SW 28	SW 23	WSW 27	WSW 28	WSW 23	440
29	SW 14	WSW 13	WSW 20	WSW 21	W 16	W 21	W 10	W 8	W 17	W 12	W 11	W 7	378
30	SW 22	SW 22	SW 28	SW 26	SW 33	SW 26	SW 32	WSW 39	WSW 33	WSW 34	WSW 28	SW 38	549

Juli 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	41.2	SW 28	SW 35	SW 34	SW 39	SW 43	SW 48	SW 54	SW 52	SW 50	SW 48	SSW 1	SSW 40
2	35.6	W 33	W 29	W 26	W 29	WSW 25	WSW 47	WSW 51	WSW 54	WSW 51	WSW 56	WSW 49	WSW 49
3	17.6	W 24	W 32	W 24	W 24	WSW 17	WSW 25	WSW 22	SW 17	SW 15	W 16	WSW 14	WSW 15
4	8.0	W 18	W 15	W 13	W 17	W 20	W 15	W 9	W 7	W 3	W 4	W 3	W 5
5	6.4	SSW 12	SSW 8	SSW 7	SSW 7	SSW 13	SSW 10	SSW 12	SW 11	SW 9	SW 7	SW 7	SSW 2
6	8.7	SW 6	SW 8	SW 9	SW 8	SW 8	SW 9	SW 6	SW 7	SW 7	SW 3	SW 0	SW 3
7	22.8	SW 20	SW 22	WSW 28	WSW 31	SW 31	WSW 32	WSW 34	WSW 34	WSW 22	WSW 26	WSW 20	WSW 23
8	16.7	WSW 32	WSW 24	WSW 29	WSW 35	WSW 33	W 35	W 31	WSW 34	WSW 28	WSW 21	SW 20	SW 22
9	4.3	NNW 2	NNW 7	NNW 2	NNW 0	NNW 0	NE 2	NE 5	ENE 11	E 10	E 4	E 3	ESE 4
10	6.4	SE 0	SSE 16	SSE 12	SSE 9	SSE 4	SSE 0	SSE 0	ENE 4	ENE 3	ENE 0	ENE 0	ENE 0
11	5.3	NE 4	NE 5	NE 1	NE 2	NE 5	NE 2	NE 0	NE 1	NE 1	NE 6	NE 0	NE 2
12	5.9	NE 12	NE 2	NE 1	NE 4	NE 1	NE 0	NE 0	ENE 0	ENE 0	ENE 0	ENE 3	ENE 7
13	16.0	WNW 25	W 22	W 23	W 28	W 20	W 17	W 17	W 17	W 14	W 13	W 16	W 20
14	6.6	W 14	W 7	W 8	W 0	W 0	W 1	W 9	W 1	W 1	W 2	W 2	W 13
15	22.5	SE 12	SE 16	SE 12	NNE 1	NNE 1	NNE 28	NNE 29	NE 35	NNE 36	NNE 13	SSE 19	SSE 14
16	40.3	WSW 36	WSW 41	WSW 48	WSW 51	WSW 48	WSW 47	WSW 39	WSW 47	WSW 54	WSW 47	WSW 43	WSW 38
17	25.3	WSW 44	WSW 32	WSW 38	WSW 29	WSW 30	W 37	W 34	W 30	WSW 30	WSW 32	SW 13	SW 7
18	14.2	WSW 27	WSW 21	WSW 16	WSW 18	WSW 18	WSW 14	WSW 18	WSW 20	WSW 22	WSW 8	WSW 6	WSW 3
19	8.8	WNW 6	WNW 1	WNW 7	WNW 9	WNW 6	WNW 5	WNW 0	WNW 0	WNW 2	WNW 13	WNW 12	WNW 12
20	11.1	NW 17	WNW 10	WNW 10	WNW 15	W 14	W 16	W 17	W 17	W 12	W 15	W 13	WSW 14
21	3.5	W 0	W 0	W 1	W 3	W 6	ENE 2	ENE 5	ENE 5	ENE 3	ENE 1	E 2	E 0
22	7.5	N 14	N 12	N 10	N 2	WNW 0	WNW 0	WNW 3	NW 1	NW 0	NW 0	NW 10	NW 13
23	12.7	WNW 5	WNW 10	WNW 11	W 20	W 20	W 18	WNW 20	WNW 12	WNW 13	WNW 4	W 6	W 14
24	44.3	WSW 22	WSW 26	WSW 36	WSW 43	WSW 43	WSW 50	WSW 45	WSW 41	W 52	W 49	W 44	W 39
25	41.8	W 40	WSW 47	WSW 52	WSW 47	WSW 47	WSW 38	W 36	W 24	WSW 28	WSW 47	WSW 37	WSW 34
26	56.8	SSW 55	SSW 58	SSW 63	SSW 58	SSW 62	SSW 58	SW 56	SW 52	SW 53	SW 53	SW 53	SW 58
27	39.5	WSW 49	WSW 59	WSW 58	SW 50	SW 52	SW 46	SW 53	SW 52	SW 45	SW 50	SW 44	SW 48
28	25.2	SW 24	SW 30	SSW 35	SW 30	SW 38	SW 28	SW 31	SW 23	SW 21	SW 20	SSW 19	SSW 15
29	40.5	SW 45	SW 44	SSW 47	SSW 40	SW 46	SW 47	SW 46	SW 40	SW 40	SW 39	SW 45	SW 48
30	44.6	SSW 32	SSW 43	SSW 57	SW 63	SW 57	SW 50	SW 50	SW 44	SW 42	SSW 45	SSW 21	SSW 36
31	38.2	SW 62	SW 74	SSW 56	SSW 53	SSW 31	SSW 54	SSW 50	SSW 33	SSW 27	SSW 22	SSW 23	SSW 28

August.

1	49.7	SW 33	SW 27	SW 29	SW 34	SW 59	SW 76	SW 88	SW 78	SW 70	SW 60	SW 70	SW 72
2	41.8	SSW 34	SSW 31	SSW 40	SSW 40	SSW 38	SSW 51	SW 38	SW 47	SSW 42	SW 34	SSW 36	SW 38
3	26.9	SSW 34	SSW 28	SSW 21	SSW 16	SSW 5	SSW 2	SSW 1	SW 15	SSW 11	SSW 7	WSW 20	SW 25
4	32.7	SW 23	SW 35	SW 37	SW 33	SW 43	SW 42	SW 40	SW 43	SSW 42	SSW 40	SW 30	SW 36
5	18.4	SW 25	SW 21	SW 26	SW 22	SSW 22	SSW 22	SSW 26	SSW 22	SSW 22	SSW 18	SSW 12	SSW 18
6	8.5	SW 14	SW 14	SW 12	SW 5	WSW 6	WSW 10	WSW 7	WSW 1	WSW 7	WSW 10	S 2	S 1
7	11.7	W 4	W 11	WSW 16	WSW 14	WSW 16	WSW 8	WSW 8	WSW 10	WSW 9	WSW 4	WSW 11	WSW 8
8	26.3	WSW 16	WSW 27	WSW 23	SW 24	SW 27	WSW 25	WSW 36	WSW 27	WSW 25	WSW 40	SW 29	SW 36
9	23.5	WSW 23	WSW 31	WSW 30	WSW 32	WSW 34	WSW 29	WSW 27	WSW 24	SW 22	SSW 25	SW 24	SW 25
10	8.2	WSW 13	WSW 11	WSW 17	WSW 24	NNE 17	NNE 10	NE 13	ENE 9	ENE 1	ENE 0	ENE 0	ENE 0
11	20.8	W 15	WSW 26	WSW 26	WSW 27	WSW 31	WSW 31	WSW 18	WSW 17	WSW 12	SW 21	SW 24	SW 32
12	19.7	WSW 16	WSW 16	WSW 19	WSW 20	WSW 14	WSW 16	WSW 15	WSW 15	WSW 11	WSW 20	WSW 12	WSW 12
13	22.8	WSW 29	WSW 22	WSW 16	WSW 21	WSW 22	WSW 24	WSW 22	SW 26	SW 32	SW 28	SW 30	SW 24
14	5.3	SW 24	SW 26	SW 24	SW 16	SW 13	SW 11	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0
15	24.4	SW 5	SW 1	SW 5	SW 19	SW 26	SW 22	SW 25	SW 30	SW 26	SW 22	SW 22	SW 18
16	18.8	NNW 31	W 31	WSW 20	WSW 24	WSW 20	WNW 16	W 12	W 12	W 15	W 16	WSW 19	W 21
17	45.4	SW 35	SW 35	SW 30	SW 37	SW 33	SW 34	SW 38	SW 38	SW 33	SW 41	SW 42	SW 38
18	63.0	WSW 74	WSW 70	SW 68	SW 58	SW 70	SW 69	SW 71	SW 70	SW 89	SW 71	SW 50	SW 48
19	24.2	WNW 30	WSW 21	WSW 15	WSW 14	WNW 20	WNW 26	WNW 44	WNW 32	WSW 37	WSW 16	WSW 25	WSW 29
20	38.7	WSW 22	WSW 17	WSW 22	WSW 17	WSW 17	SW 15	SW 8	SW 26	SW 32	SW 40	SW 38	SW 65
21	33.7	SW 42	SW 45	SW 52	SW 46	SW 55	SW 48	SW 52	SW 44	SW 37	SW 23	SSW 20	SSW 22
22	34.7	SW 25	SW 27	SW 30	SW 44	SW 52	WSW 41	WSW 32	WSW 19	WSW 32	WSW 20	WSW 1	WSW 13
23	20.1	SW 36	SW 38	SW 38	SW 42	SW 34	SSW 36	SSW 27	SSW 9	SSW 3	SW 3	SW 6	SW 9
24	28.0	S 12	S 20	S 16	S 12	S 13	S 14	S 0	S 3	SSE 14	SSE 15	S 29	S 41
25	16.8	WSW 51	WSW 51	WSW 40	WSW 24	WSW 22	WSW 19	SW 18	SSW 14	SSW 18	WNW 7	WNW 16	WNW 18
26	13.2	NE 0	ENE 0	E 1	E 3	E 1	E 0	E 1	E 0	E 1	E 1	WSW 9	WSW 19
27	25.3	SW 40	SW 36	SW 44	SW 40	SW 34	SW 30	SW 20	SSW 12	SSW 5	SSW 0	S 5	S 6
28	32.7	WSW 52	W 43	W 41	WSW 34	WSW 22	WSW 22	WSW 23	WSW 15	WSW 24	WSW 28	SW 46	SW 40
29	27.8	WSW 7	WSW 5	WSW 10	WSW 20	WSW 33	WSW 33	WSW 44	WSW 40	SW 34	SW 22	SW 22	SSW 26
30	39.0	SSW 57	SW 62	SW 51	SW 58	SW 64	WSW 58	WSW 50	WSW 23	WSW 33	SW 34	WSW 56	WSW 58
31	25.6	S 19	SW 25	WSW 25	WSW 17	WSW 18	SW 20	SSE 14	S 14	SSW 8	SSW 2	SSW 12	S 19

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Juli. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SSW 39	SW 41	SW 50	WSW 46	WSW 38	WSW 35	WSW 34	WSW 35	WSW 36	WSW 45	WSW 47	WSW 30	989
2	WSW 47	W 35	W 33	W 28	W 34	W 35	W 33	WNW 28	WNW 26	WNW 18	W 18	WNW 22	856
3	SW 16	SW 25	SW 16	WSW 15	WSW 13	WSW 14	WSW 13	W 11	W 14	W 15	W 15	W 11	423
4	W 5	W 1	WSW 2	WSW 0	SW 0	SSW 2	SSW 2	SSW 0	SSW 4	SSW 16	SSW 17	SSW 13	191
5	SSW 2	S 6	S 4	SSW 2	SSW 2	SSW 3	SSW 1	SW 4	SW 14	SW 5	SW 4	SW 1	153
6	SW 5	SW 6	SW 5	SW 6	SW 9	SW 11	SW 16	SW 16	SW 15	SW 16	SW 13	SW 16	208
7	WSW 18	WSW 18	SSW 17	SW 16	WSW 12	WSW 13	WSW 21	WSW 23	WSW 15	WSW 18	WSW 26	WSW 27	547
8	S 16	SW 10	W 7	W 1	W 0	W 0	W 0	W 0	WNW 2	NNW 8	NNW 6	NNW 7	401
9	ESE 5	ESE 2	ESE 1	ESE 0	ESE 0	ESE 0	ESE 1	ESE 1	ESE 6	ESE 12	ESE 17	SE 9	104
10	ENE 0	NE 3	NE 3	NE 7	WNW 10	NE 16	NE 16	NE 18	NE 10	NE 6	NE 7	NE 10	154
11	NE 5	NE 4	NE 1	NE 2	NE 1	NE 3	NE 4	NE 9	NE 14	NE 19	NE 20	NE 15	126
12	ENE 5	ENE 8	NNE 9	NNE 12	NNE 7	WNW 11	WNW 5	WNW 4	WNW 3	WNW 12	WNW 16	WNW 19	141
13	W 24	WSW 36	WSW 24	WSW 23	WSW 7	W 7	W 2	W 5	W 2	W 1	W 10	W 12	385
14	W 9	W 10	W 12	WNW 10	WNW 10	WNW 10	WNW 8	WNW 6	SE 3	SE 2	SE 10	SE 11	159
15	SSE 6	W 24	S 22	SE 32	SSW 26	SW 22	W 22	WSW 46	W 46	WSW 31	WSW 24	WSW 24	541
16	WSW 47	WSW 35	WSW 38	W 43	W 32	SW 13	WSW 38	WSW 32	WSW 41	WSW 35	WSW 38	WSW 38	969
17	SW 7	SW 5	SW 6	SW 7	WSW 19	WSW 26	WNW 21	NW 21	WNW 29	WNW 34	W 43	W 34	608
18	WSW 3	WSW 0	WSW 2	WNW 17	W 16	WNW 13	WNW 32	WNW 26	WNW 16	WNW 9	WNW 10	WNW 7	342
19	WNW 10	WNW 9	WNW 7	WNW 13	WNW 14	WNW 10	WNW 7	WNW 7	N 18	NW 12	NW 12	NW 16	211
20	WSW 14	SW 14	SW 18	WSW 8	WSW 8	WSW 11	WNW 10	WNW 4	W 7	W 2	W 0	W 0	266
21	E 0	E 0	E 0	E 1	ENE 5	ENE 4	ENE 2	NE 3	NE 0	NE 7	NE 15	N 20	85
22	NW 1	SSW 4	SSW 5	WSW 5	W 4	WNW 17	WNW 10	WNW 8	NW 22	NNW 20	WNW 15	WNW 5	181
23	W 18	W 18	WSW 13	WSW 13	WSW 12	WSW 8	WSW 11	WSW 9	WSW 12	WSW 6	WSW 11	WSW 21	305
24	W 52	WSW 52	WSW 52	WSW 53	WSW 51	WSW 56	WSW 54	W 50	W 52	W 41	W 27	W 33	1063
25	SW 30	SW 44	SW 42	SW 44	SW 50	SW 46	SW 46	SW 40	SW 48	SSW 42	SSW 44	SSW 52	1005
26	SW 43	WSW 54	WSW 56	WSW 51	SW 61	SW 58	SW 58	SW 56	SW 62	WSW 70	WSW 63	WSW 53	1364
27	SW 50	SW 43	SW 28	SW 31	SSW 27	SSW 21	SW 24	SW 23	SW 21	SSW 24	SW 24	SW 27	949
28	SSW 17	SSW 17	SSW 14	SSW 7	SSW 10	SSW 25	SSW 26	SSW 34	SSW 30	SSW 28	SW 32	SW 41	604
28	SW 48	WSW 44	WSW 56	SW 50	WSW 36	WSW 42	WSW 36	WSW 24	W 32	W 26	W 20	SW 32	973
30	SSW 34	SSW 48	SW 36	SW 44	SW 43	SW 39	SW 42	SW 42	SW 46	SW 50	SW 46	SW 62	1072
31	SSW 23	SSW 35	SW 15	SW 35	SSW 32	SSW 24	SSW 22	SSW 27	SSW 41	SW 56	SW 54	SW 40	917

August.

1	SW 66	SW 60	SW 60	SW 44	WSW 46	WSW 40	WSW 29	SW 35	SW 34	SSW 26	SSW 30	SSW 27	1193
2	SSW 36	SSW 28	SSW 34	SW 36	SW 40	SW 38	SW 54	SW 60	SW 62	WSW 60	SW 44	SSW 44	1005
3	SW 44	SW 36	SW 49	SW 56	SW 52	SW 50	WSW 32	WSW 27	WSW 26	WSW 24	WSW 26	WSW 18	645
4	SW 30	SSW 21	SSW 23	SSW 30	SW 23	SW 31	SW 30	SW 26	SW 33	SSW 35	SSW 32	SW 26	784
5	SSW 16	S 14	S 12	SSW 11	SSW 14	SSW 15	SW 16	SW 18	SW 18	SW 18	SW 11	SW 22	441
6	S 5	S 16	SSW 14	SSW 18	SSW 12	SW 8	SW 8	WSW 12	W 8	W 7	W 7	W 1	205
7	SW 11	SW 13	SW 17	SW 15	WSW 14	WSW 18	WSW 22	WSW 13	W 13	W 14	W 5	W 8	282
8	SW 30	WSW 22	WSW 24	WSW 30	WSW 38	WSW 20	W 15	W 25	W 20	WSW 18	WSW 21	WSW 27	630
9	SW 24	SW 16	SSW 19	SW 20	SW 18	WSW 18	WSW 23	WSW 25	WSW 29	WSW 22	WSW 18	WSW 17	565
10	SE 2	SE 6	SE 1	SE 0	S 4	SSW 0	W 4	W 14	W 18	W 13	W 0	W 19	196
11	WSW 14	SW 18	SW 21	W 17	NNW 23	NNW 27	W 20	WNW 18	WSW 14	WSW 14	WSW 14	WSW 18	498
12	WSW 14	WSW 11	WSW 21	WSW 17	WSW 20	WSW 21	WSW 36	WSW 28	WSW 29	WSW 28	WSW 27	WSW 36	474
13	SW 31	WSW 30	WSW 25	WSW 24	WSW 24	WSW 13	WSW 14	W 15	W 10	WSW 13	SW 25	SW 27	547
14	SW 0	SW 0	SW 1	SW 0	SW 1	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 11	127
15	WSW 8	WSW 20	WSW 39	WSW 42	SW 39	SW 44	WSW 34	WSW 32	WSW 44	W 26	W 27	NNW 11	587
16	W 20	WSW 26	W 19	WSW 12	WSW 16	WSW 14	WSW 16	WSW 7	WSW 7	WSW 17	WSW 25	SW 36	452
17	SW 46	SW 40	SW 46	SW 44	SW 50	WSW 58	WNW 58	WSW 64	WSW 60	WSW 58	WSW 64	WSW 68	1090
18	SW 42	WSW 36	WSW 36	WSW 42	WSW 46	WSW 56	WSW 74	WSW 76	WSW 78	WSW 70	WNW 64	WNW 85	1513
19	WSW 21	WSW 18	WSW 18	WSW 34	WSW 18	WSW 18	WSW 28	WSW 28	WSW 23	WSW 22	SW 21	SW 23	581
20	SW 65	SW 50	SW 48	SW 56	SW 60	SW 56	WSW 54	WSW 54	WSW 40	WSW 45	WSW 44	WSW 39	930
21	SSW 23	SSW 25	SW 25	SW 27	SSW 19	SSW 17	SSW 23	SW 36	SW 44	SW 34	SW 28	SW 22	809
22	SW 36	SW 54	SW 56	SW 56	SW 44	SW 54	WSW 40	WSW 26	WSW 12	WSW 44	W 39	W 35	832
23	SW 19	SSW 18	SSW 17	SSW 20	SSW 19	SSW 19	SSW 16	S 12	S 11	S 17	S 21	S 12	482
24	SW 30	SW 24	SW 33	SW 35	WSW 48	SW 49	SW 48	SW 38	SW 38	WSW 48	WSW 43	WSW 49	672
25	WNW 14	WNW 16	WNW 19	WNW 16	NW 12	NW 5	NNE 2	NNE 11	NNE 5	NNE 3	NNE 1	NE 0	402
26	SW 23	SW 19	SW 12	SW 11	SW 18	SW 29	SW 24	SW 34	SW 25	SW 26	SW 28	SW 31	316
27	S 9	SSE 10	WSW 13	WSW 44	WSW 30	WSW 23	SSE 11	S 7	WSW 29	WSW 38	WSW 62	WSW 58	606
28	SW 41	SW 45	SW 50	WSW 38	WSW 48	WSW 40	WSW 44	WSW 26	WSW 26	WSW 16	WSW 12	WSW 8	784
29	SSW 22	SSW 23	SSW 21	SSW 20	SSW 18	SSW 16	SSW 15	SSW 26	WSW 49	WSW 53	WSW 53	SSW 55	667
30	WSW 60	WSW 64	WSW 23	WSW 34	WSW 34	WSW 27	WSW 30	WSW 29	WSW 18	WSW 5	WSW 0	SSE 9	937
31	S 31	S 31	SSW 21	S 18	SSW 20	SSW 32	SSW 38	SSW 36	SSW 38	SSW 66	SSW 30	W 60	614

September 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	23.6	WNW 30	WNW 52	WNW 52	WNW 42	WNW 41	WNW 32	WNW 38	WNW 28	WNW 16	WNW 12	WNW 10	WNW 12
2	16.2	W 13	W 9	W 5	W 10	W 7	W 8	W 7	W 1	W 4	SW 13	SW 23	SW 29
3	7.3	SW 12	SW 14	WNW 16	WNW 17	WNW 19	W 2	WNW 13	WNW 6	WNW 10	W 12	W 3	W 10
4	3.9	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	NNE 0	NNE 3	NNE 1	NE 1	NW 1	NNE 1
5	9.6	NW 0	NNW 13	WNW 18	WNW 18	WNW 13	WNW 15	WNW 18	WNW 4	WNW 2	WNW 0	W 2	W 2
6	4.6	NW 3	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NNW 1	NNW 6	NNW 6	N 1	NE 3
7	6.4	WNW 12	NW 12	NW 11	NNW 11	NW 4	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0
8	7.9	W 20	W 20	W 18	WNW 13	W 4	W 2	W 4	W 6	W 1	W 5	WSW 7	SW 8
9	22.3	WSW 11	WSW 12	WSW 10	WSW 13	SW 20	SW 19	SW 24	WSW 23	WSW 21	WSW 20	WSW 13	WSW 11
10	13.4	W 32	W 36	W 30	W 30	W 30	W 26	W 30	W 24	WSW 29	WSW 15	WSW 13	SSW 5
11	2.3	NW 0	NW 0	NW 0	NW 0	NNE 4	NNE 3	NNE 0	NNE 0	NNE 0	NE 0	NE 0	NE 0
12	8.5	SW 13	SW 17	SW 15	W 18	W 19	W 18	W 19	W 11	WSW 9	SW 6	SW 6	SW 6
13	5.0	NNW 0	NNW 0	NNW 0	NNE 6	ENE 8	ENE 13	E 11	NE 3	E 3	SE 3	SSE 1	S 1
14	12.7	SSE 8	SSE 6	SSE 2	SSE 2	SSE 0	SSE 2	S 9	S 10	S 11	S 8	SSW 18	SSW 24
15	8.7	S 18	SSE 18	S 11	SSW 14	SSW 6	SW 6	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0
16	14.5	W 14	WSW 15	WSW 16	WSW 14	WSW 13	WSW 3	SSE 5	S 8	S 11	SSW 9	SSW 11	SSW 13
17	31.7	SSW 23	SSW 23	SSW 16	SSW 8	SSW 9	SSW 27	SSW 32	S 16	S 17	SSE 22	SSW 28	S 35
18	29.7	SW 61	SW 63	WSW 57	WSW 36	SSW 18	SSW 28	SW 29	S 19	S 9	S 9	WNW 20	WNW 31
19	13.3	W 10	W 15	W 8	W 3	WSW 6	WSW 16	WSW 12	WSW 17	SW 11	SW 20	WSW 24	WSW 26
20	12.9	SW 16	SW 11	SW 10	SW 9	SW 3	SW 10	SW 17	SW 12	SW 17	SW 8	SW 1	SW 1
21	24.2	SW 31	SSW 22	SSW 22	SSW 24	WSW 28	WSW 26	WSW 10	WSW 10	WSW 19	WSW 16	SW 0	SW 19
22	18.6	SW 31	SW 14	SW 12	SW 0	SW 0	SW 0	SW 0	SW 30	SW 29	SW 31	WSW 33	WSW 24
23	19.1	SSW 12	SSW 10	WSW 12	SW 31	SSW 15	SSW 8	SSW 4	SSW 13	SSW 18	SSW 39	SSW 26	SSW 36
24	12.9	WSW 34	WSW 6	WSW 14	WSW 19	WSW 10	WSW 9	WSW 15	WSW 11	WSW 12	WSW 13	WSW 19	WSW 22
25	33.4	SW 9	SW 7	SW 26	SW 5	SW 36	W 0	W 15	WSW 18	WSW 20	WSW 34	WSW 42	WSW 36
26	30.1	WSW 35	WSW 59	WSW 44	WSW 43	WSW 23	WSW 35	WSW 31	WSW 20	WSW 33	SW 23	SW 36	SW 26
27	9.0	WSW 13	WSW 0	WSW 0	WSW 0	WSW 3	WSW 13	E 13	NNE 0	NE 0	ENE 0	E 9	ESE 4
28	12.2	N 9	N 7	N 13	NNW 15	NNW 16	NNW 15	NNW 17	NNW 16	NNW 16	NW 13	NW 7	NW 5
29	19.1	WNW 18	WNW 15	W 19	W 21	W 23	W 26	W 22	W 24	W 23	W 21	WSW 16	WSW 16
30	7.1	NNW 11	NW 7	N 15	N 12	N 10	N 11	N 9	N 11	N 7	N 4	N 1	WNW 4

Oktober.

1	41.2	N 7	WNW 10	W 17	W 20	W 25	WSW 24	WSW 33	WSW 31	WSW 43	WSW 36	WSW 34	WSW 31
2	52.0	WSW 70	WSW 72	WSW 64	WSW 64	WSW 66	WSW 66	WSW 50	WSW 50	WSW 52	WSW 52	WSW 48	WSW 56
3	27.2	WSW 28	WSW 36	WSW 32	WSW 32	WSW 32	WSW 32	W 20	W 36	W 48	W 48	WSW 30	W 36
4	21.7	SW 0	W 8	W 24	W 30	W 28	SW 32	SW 57	SW 35	SW 28	SW 32	SW 24	SW 22
5	13.2	WSW 7	WSW 2	WSW 4	WSW 18	WSW 17	WSW 17	WSW 13	WSW 17	WSW 18	WSW 22	WSW 16	WSW 16
6	10.2	WSW 4	WSW 2	WSW 3	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0
7	24.2	W 30	W 26	W 44	W 58	W 33	W 37	W 18	W 20	W 22	W 24	W 18	WNW 15
8	28.8	W 30	W 27	W 27	W 26	W 20	W 23	W 23	W 23	W 29	W 32	W 51	W 51
9	42.9	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 7	WSW 17	WSW 28	W 76
10	74.6	WSW 90	WSW 82	WSW 80	WSW 88	WSW 78	WSW 72	WSW 80	WSW 70	WSW 66	WSW 84	WSW 78	WSW 82
11	77.9	WSW 70	WSW 80	WSW 72	WSW 78	WSW 94	WSW 78	WSW 72	WSW 86	WSW 92	WSW 92	WSW 78	WSW 78
12	63.0	WSW 74	WSW 74	WSW 76	WSW 80	WSW 80	WSW 78	WSW 62	WSW 62	WSW 58	WSW 54	WSW 56	WSW 54
13	29.1	SW 25	SW 47	SSW 38	SSW 34	SSW 45	SSW 33	SSW 34	SSW 35	SSW 38	SSW 23	SSW 30	SSW 21
14	6.5	W 19	W 18	W 17	W 13	W 12	W 8	W 7	W 2	W 3	W 0	W 0	W 0
15	8.0	W 4	W 0	W 2	W 5	W 8	W 10	W 9	WSW 12	WSW 12	WSW 14	WSW 11	SW 7
16	40.9	WSW 20	WSW 26	WSW 30	WSW 30	WSW 29	WSW 30	WSW 37	WSW 34	WSW 39	WSW 41	WSW 40	WSW 44
17	28.9	WSW 25	WSW 26	WSW 23	WSW 14	WSW 21	WSW 20	WSW 18	WSW 18	WSW 10	WSW 24	WSW 26	WSW 32
18	32.6	WSW 26	WSW 22	WSW 32	WSW 30	WSW 28	WSW 32	WSW 22	WSW 27	WSW 24	WSW 26	WSW 22	WSW 22
19	42.9	WSW 50	WSW 49	SW 49	SW 50	SW 40	SW 40	SW 44	SW 36	SW 34	SW 46	SSW 40	SSW 38
20	37.5	SW 46	SW 43	SW 37	SW 30	SW 41	SW 38	SW 42	SW 40	SW 32	WSW 32	WSW 34	SW 28
21	33.5	SW 30	SW 42	SW 46	SW 40	SW 34	SSW 36	SSW 21	SW 23	SW 13	SSW 17	SSW 18	SSW 20
22	35.0	SSW 39	SSW 25	SSW 34	SSW 22	SSW 38	SSW 48	SSW 40	SSW 37	SSW 35	WSW 30	WSW 38	WSW 38
23	30.6	WSW 33	WSW 24	WSW 24	WSW 19	WSW 11	WSW 9	WSW 15	WSW 13	WSW 13	WSW 9	SSW 20	SSW 26
24	51.7	SSW 50	SSW 70	SSW 56	SSW 72	SSW 66	SSW 54	SSW 48	SSW 48	SSW 42	SSW 43	SSW 35	SSW 44
25	38.2	SSW 60	SSW 66	SSW 60	SSW 64	SSW 70	SSW 68	SSW 66	SSW 56	SSW 60	SW 45	SSW 20	SSW 5
26	28.1	SSW 17	SSW 13	SSW 16	SSW 18	S 23	S 29	SSW 34	SSW 32	S 23	S 25	SSW 21	SSW 17
27	37.0	SSW 24	SSW 18	SSW 16	SSW 15	S 32	S 33	S 36	S 37	S 41	S 42	S 42	S 40
28	42.8	S 46	S 50	S 62	S 48	S 60	SSE 46	SSE 40	SSE 36	SSE 42	SSE 58	SSE 66	S 68
29	26.1	SSW 35	SSW 35	SSW 36	SSW 34	SSW 42	SSW 28	SSW 28	SSW 26	SSW 26	SSW 24	SW 27	SW 28
30	12.0	WNW 17	WNW 22	WNW 20	WNW 24	WNW 19	WNW 15	WNW 14	WNW 7	WNW 2	WNW 2	WNW 3	WNW 11
31	15.6	W 19	W 18	W 17	WSW 20	WSW 25	WSW 26	WSW 26	W 33	W 29	W 26	SW 19	SW 24

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). September. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WNW 7	WNW 4	WNW 9	WNW 14	WNW 17	WNW 10	W 18	W 25	W 30	W 23	W 23	W 21	566
2	SW 28	SW 29	SW 24	SW 26	SSW 25	SW 21	SW 18	SW 21	SW 19	SW 18	SW 16	SW 16	390
3	W 9	WNW 9	WNW 9	WNW 4	WNW 6	WNW 1	WNW 0	NNW 1	NNW 1	WNW 0	WNW 0	WNW 0	174
4	NNE 0	N 2	NW 4	NW 2	NW 2	NW 23	NNW 23	NNW 19	NW 9	NW 0	NW 0	NW 2	93
5	W 8	W 9	WNW 12	WNW 8	WNW 18	WNW 17	SW 7	SW 9	SW 16	NW 10	NW 6	NW 6	231
6	NE 15	ENE 1	N 2	N 3	N 4	N 5	NW 0	NW 8	NNW 9	W 11	W 14	WNW 12	110
7	NNW 0	W 1	W 2	W 5	W 6	WNW 9	WNW 13	WNW 15	WNW 10	WNW 12	WNW 14	WNW 17	154
8	SW 5	SW 6	SW 5	SW 4	WSW 4	WSW 9	WSW 3	WSW 0	WSW 7	WSW 14	WSW 13	WSW 11	189
9	WSW 22	W 34	W 31	W 29	W 23	W 25	W 26	W 28	W 26	W 30	W 30	W 34	535
10	SSW 2	S 1	SW 0	SW 1	WNW 4	WNW 5	NW 5	NW 2	NW 2	NW 0	NW 0	NW 0	322
11	S 0	SW 0	SW 1	SW 4	SW 1	SW 0	SW 4	SW 7	SW 7	WSW 10	WSW 8	WSW 6	55
12	SW 8	SW 10	SW 9	SW 8	SW 4	SW 1	SW 0	WNW 1	NW 5	NNW 1	NNW 0	NNW 0	204
13	SSW 4	SSW 8	SSW 7	SSW 6	SSW 1	SSW 0	SSW 4	SSW 8	SSW 8	SSW 10	SSE 8	SE 6	119
14	SSW 24	SSW 24	SSW 19	SSW 18	SSW 9	SSW 15	SSW 12	SE 9	SE 19	SE 15	SE 19	SSW 21	304
15	S 0	S 0	S 0	S 0	S 0	SSW 5	WSW 19	WSW 19	WSW 28	WSW 25	W 18	W 21	208
16	SSW 11	SSW 8	SSW 11	SSW 14	S 17	S 18	SSW 16	SSW 25	SSW 17	SSW 22	SSW 30	SSW 27	348
17	S 23	S 25	SSW 26	SSW 32	SSW 38	SSW 38	SSW 46	SSW 64	SSW 60	SSW 54	SSW 48	SSW 51	761
18	WNW 43	WNW 38	WNW 40	WNW 34	WNW 33	WNW 31	W 23	W 17	W 20	W 24	W 18	W 12	713
19	WSW 20	WSW 16	WSW 9	WSW 14	WSW 5	WSW 4	WSW 1	WSW 14	WSW 8	WSW 19	WSW 24	SW 17	319
20	SW 10	SW 2	SW 14	SW 12	SW 20	SW 41	SW 23	SW 20	SW 10	SW 11	SW 11	SW 21	310
21	SW 26	SW 28	SW 29	SW 21	SW 22	SW 37	SW 25	SW 35	SW 47	SW 37	SW 31	SW 17	582
22	WSW 31	WSW 26	WSW 27	WSW 23	WSW 22	SW 15	SSW 14	SSW 16	SSW 20	SSW 15	SSW 13	SSW 21	447
23	SSW 30	SSW 25	SSE 16	SE 12	SE 17	WSW 32	WSW 4	WSW 14	WSW 28	WSW 28	WSW 14	WSW 14	458
24	WSW 6	WSW 20	WSW 24	WSW 9	WSW 7	WSW 18	WSW 9	WSW 0	WSW 0	SW 7	SW 4	SW 22	310
25	WSW 54	WSW 48	WSW 56	WSW 54	WSW 46	WSW 28	WSW 34	WSW 58	WSW 46	WSW 52	WSW 46	WSW 32	802
26	SW 28	SW 37	WSW 41	WSW 31	WSW 38	WSW 21	WSW 35	WSW 28	WSW 21	WSW 8	WSW 6	WSW 20	722
27	ESE 7	ESE 4	ESE 7	ESE 7	ENE 8	ENE 14	ENE 18	ENE 23	N 23	N 17	N 17	N 16	216
28	WNW 6	WSW 8	WSW 4	WSW 6	WNW 8	NW 13	NNW 21	NNW 21	WNW 14	NW 12	NW 15	NW 15	292
29	SW 18	WSW 14	WSW 12	WNW 14	WNW 18	NW 26	NNW 17	NNW 18	NNW 21	NNW 20	NNW 18	NNW 18	458
30	WNW 5	WNW 6	W 7	W 5	W 5	W 5	N 9	N 10	N 4	N 3	N 3	N 6	170

Oktober.

1	WSW 39	WSW 36	WSW 40	WSW 38	WSW 60	WSW 66	WSW 66	WSW 63	WSW 67	WSW 70	WSW 72	WSW 62	990
2	WSW 50	WSW 43	WSW 59	WSW 56	WSW 56	WSW 52	WSW 50	WSW 42	WSW 38	WSW 34	WSW 31	WSW 27	1248
3	W 21	W 15	W 16	WSW 38	WSW 44	WSW 33	WSW 29	WSW 20	WSW 7	SW 7	SW 8	SW 4	652
4	SW 20	SW 14	SW 12	SSW 0	WSW 20	WSW 25	WSW 8	WSW 11	WSW 18	WSW 32	WSW 28	WSW 13	521
5	WSW 10	WSW 11	WSW 11	WSW 14	WSW 18	WSW 24	WSW 18	WSW 13	WSW 11	WSW 12	WSW 4	WSW 4	317
6	W 3	W 4	W 12	W 20	W 18	W 21	SW 19	WSW 28	WSW 24	WSW 30	WSW 26	W 30	244
7	NW 13	WNW 12	W 16	WSW 12	WSW 12	W 10	W 28	W 28	W 28	W 26	W 26	W 24	580
8	W 58	W 56	W 52	W 48	W 33	W 28	W 15	W 16	W 8	W 6	W 10	W 0	692
9	WSW 73	WSW 79	WSW 80	WSW 64	WSW 76	WSW 78	WSW 68	WSW 74	WSW 80	WSW 76	WSW 74	WSW 80	1030
10	WSW 80	WSW 74	WSW 70	WSW 62	WSW 60	WSW 68	WSW 60	WSW 66	WSW 70	WSW 70	WSW 70	WSW 90	1790
11	WSW 74	WSW 82	WSW 74	WSW 72	WSW 76	WSW 71	WSW 73	WSW 72	WSW 80	WSW 70	WSW 70	WSW 76	1870
12	WSW 52	SW 56	SW 58	WSW 70	WSW 70	WSW 70	SW 58	SW 58	SW 54	SW 60	SW 64	SSW 34	1512
13	SSW 23	SSW 31	SSW 29	SSW 26	S 27	SSE 17	W 18	W 30	W 24	W 24	W 28	W 19	699
14	W 0	W 0	W 0	W 0	W 0	WSW 1	WSW 0	WSW 10	WSW 12	WSW 15	WSW 12	WSW 6	155
15	SW 7	SW 10	WSW 10	WSW 14	WSW 11	WSW 9	WSW 8	WSW 0	WSW 3	WSW 5	WSW 8	WSW 13	192
16	WSW 46	WSW 49	WSW 54	WSW 59	WSW 66	WSW 70	WSW 52	WSW 46	WSW 40	WSW 35	WSW 36	WSW 28	981
17	WSW 38	WSW 38	WSW 32	WSW 35	WSW 47	WSW 46	WSW 36	WSW 34	WSW 32	WSW 28	WSW 35	WSW 25	693
18	WSW 26	WSW 25	WSW 30	WSW 24	WSW 32	WSW 37	WSW 48	WSW 55	WSW 42	WSW 48	WSW 50	WSW 52	782
19	SSW 40	SSW 42	SSW 36	SW 34	SW 34	SW 36	SW 48	SW 42	SW 48	SW 50	SW 49	SW 54	1029
20	WSW 32	WSW 52	WSW 54	WSW 54	WSW 38	WSW 25	SW 28	SW 29	SW 32	SW 38	SW 40	SW 34	899
21	SSW 14	SSW 32	SSW 28	SSW 30	SSW 36	SSW 40	SSW 42	SSW 46	SSW 49	SSW 53	SSW 56	SSW 40	806
22	WSW 46	WSW 42	WSW 24	WSW 29	WSW 29	WSW 38	WSW 41	WSW 31	WSW 34	WSW 28	WSW 37	WSW 37	840
23	SSW 29	SSW 30	SSW 33	SSW 31	SSW 36	SSW 38	SSW 49	SSW 52	SSW 60	SSW 46	SSW 58	SSW 56	734
24	SW 38	SW 48	SW 64	SW 70	SSW 52	SSW 50	SSW 34	SSW 36	SSW 58	SSW 62	SSW 58	SSW 42	1240
25	S 0	S 11	SSW 13	SSW 21	SSW 23	SW 18	SW 38	WSW 44	WSW 40	SW 29	SSW 20	SSW 21	918
26	S 14	S 19	S 16	WSW 19	WSW 40	WSW 44	WSW 52	WSW 46	SW 44	SW 42	SW 36	SW 34	674
27	SSE 34	S 34	S 40	S 44	S 44	S 48	SSE 36	SSE 38	SSE 46	S 42	S 48	S 58	888
28	S 54	S 40	SSW 34	SSW 36	SSW 42	SSW 42	SSW 28	SSE 17	SSE 17	S 26	SSW 30	SSW 38	1026
29	SW 29	SW 25	SW 26	SW 21	SW 22	SW 22	SW 25	SW 21	SW 18	SW 16	SW 14	SW 19	627
30	WSW 8	WSW 9	WSW 11	WSW 12	WSW 11	WSW 11	WSW 13	WSW 13	WSW 13	W 10	W 8	W 13	288
31	SSW 24	SSW 16	SSW 12	SSW 6	SSW 4	SSW 7	SSW 0	SSW 1	SSW 1	SSW 3	SSW 8	SSW 10	374

November 1923. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	10.1	SSE 12	SSE 15	SE 13	SE 14	SE 7	SE 6	SE 3	SE 6	SE 7	SE 3	NNE 2	NNE 3
2	8.3	WSW 1	WSW 7	WSW 12	WSW 9	SW 3	SE 0	SE 3	SE 11	SE 8	SSE 8	SSW 14	SSW 18
3	21.8	SSW 0	SW 0	SW 0	SW 0	SW 1	SW 1	SW 8	SW 10	SW 11	SW 12	SW 12	SW 21
4	30.7	WSW 54	WSW 52	WSW 64	WSW 56	WSW 58	WSW 46	WSW 38	WSW 36	WSW 34	WSW 36	WSW 16	WSW 44
5	9.8	SW 7	S 3	S 0	S 0	SSW 0	SSW 0	SSW 0	SW 13	SW 14	SW 3	SW 1	SW 0
6	22.1	SSW 15	SSW 11	SSW 27	SSW 18	SSW 21	SSW 28	SSW 23	SSW 29	SSW 21	SSW 22	SSW 9	SSW 14
7	4.6	WSW 9	WSW 7	WSW 5	WSW 0	WSW 2	WSW 9	WSW 10	WSW 10	WSW 5	WSW 4	WSW 1	NW 0
8	1.1	N 3	N 3	N 4	N 7	N 3	N 2	N 1	N 2	N 0	N 1	NNW 0	NNW 0
9	4.9	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	E 1	ESE 2	ESE 9	SE 8	SE 9
10	35.4	SSW 35	SSW 44	SSW 46	SSW 40	SSW 34	SE 38	SE 36	S 42	S 44	S 36	SE 38	SE 31
11	33.1	S 54	SSW 46	SSW 58	SSW 54	SSW 48	SSW 34	SSW 38	SSW 44	SSW 33	SSW 33	SSW 32	SSW 32
12	15.6	SW 22	SW 14	SW 22	SW 28	SW 22	SW 18	SSW 20	SSW 28	S 19	S 3	ENE 4	E 3
13	23.3	SW 20	SW 5	SW 2	SSW 12	SSW 25	SSW 27	SSW 29	SSW 36	SSW 45	SSW 33	SSW 39	SSW 32
14	24.8	SSW 24	SSW 26	SSW 30	SSW 38	SSW 32	SSW 40	SSW 29	SSW 39	SSW 37	SSW 27	WSW 26	WSW 24
15	27.6	W 35	W 26	W 7	WNW 5	WNW 17	WNW 21	WNW 12	WNW 12	WNW 8	WNW 11	WNW 10	W 11
16	37.5	W 80	W 76	W 68	W 70	W 68	W 50	W 60	WSW 51	WSW 35	WSW 50	WSW 35	WSW 27
17	21.3	WSW 20	WSW 20	WSW 20	WSW 22	WSW 21	WSW 11	WSW 24	WSW 23	WSW 29	WSW 24	WSW 28	WSW 30
18	17.8	WSW 16	WSW 16	WSW 16	WSW 14	WSW 11	WSW 5	WSW 1	WSW 2	WSW 7	WSW 14	WSW 16	WSW 12
19	18.3	WSW 34	WSW 31	WSW 20	WSW 19	WSW 24	WSW 16	WSW 20	WSW 21	WSW 17	WSW 20	WSW 22	SW 20
20	19.5	WNW 12	WNW 12	WNW 14	WNW 16	WNW 14	SW 16	SW 14	SW 9	SW 15	SW 10	SSW 24	SW 24
21	12.8	SSW 24	SSW 24	SSW 14	SSW 10	SSW 13	SSW 7	SSW 7	SSW 9	SSW 16	SSW 12	SSW 12	SSW 12
22	19.7	SW 4	SW 2	SW 3	NE 7	NE 15	NE 13	NE 24	NE 26	ENE 23	ENE 27	ENE 28	ENE 24
23	18.9	NE 20	NE 19	NE 8	NE 16	NE 18	NE 16	NE 15	NE 15	NE 15	ENE 13	ENE 8	ESE 4
24	24.9	SSW 20	SSW 24	SSW 28	SSW 29	SSW 37	SSW 38	SSW 32	SW 29	SW 24	SW 23	SSW 23	SSW 20
25	13.0	SW 17	SW 18	SW 20	SW 18	SW 20	SW 17	SW 16	SW 12	SW 13	SW 12	SW 16	SW 10
26	33.3	SSW 20	SSW 20	SSW 28	SW 18	SSW 14	SSW 12	SSW 10	S 2	S 5	SSW 20	SSW 28	SSW 38
27	21.2	SSW 38	SSW 34	SSW 36	SW 38	SW 32	SW 22	SW 19	SW 25	SW 26	SW 19	SW 18	SW 21
28	50.9	SSW 24	SSW 32	SSW 54	SSW 50	SSW 46	SSW 56	SSW 52	SSW 66	SSW 58	SSW 72	S 12	S 58
29	20.3	SW 30	SSW 20	SSW 22	SSW 22	S 16	S 18	S 28	S 20	S 22	S 29	S 29	S 35
30	14.5	SW 28	SW 30	WSW 20	WSW 22	WSW 24	SSW 14	SSW 5	SSW 7	SSW 7	SSW 11	SSW 3	SSW 5

Dezember.

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	11.0	S 11	SW 14	SW 12	WSW 17	S 13	SE 7	SE 16	ESE 25	ESE 24	ESE 21	S 4	S 0
2	24.9	N 0	N 0	NW 0	NW 0	W 0	W 10	W 14	WSW 13	W 16	WSW 23	WSW 23	WSW 31
3	17.4	W 36	W 36	W 26	W 38	W 34	W 28	W 19	W 12	W 13	W 8	W 10	W 5
4	19.9	WSW 6	WSW 4	WSW 4	WSW 5	WSW 2	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 1	WSW 0
5	12.9	WSW 34	WSW 31	WSW 25	WSW 18	WSW 36	WSW 30	WSW 26	WSW 14	WSW 16	WSW 20	WSW 19	WSW 11
6	6.3	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NE 0	NE 0	NE 7	ENE 9	NE 7	NE 17
7	2.8	NE 5	NE 7	NE 8	NE 5	ENE 4	NE 1	ESE 2	NE 1	NE 3	NE 3	NE 2	ENE 2
8	21.0	WNW 1	WNW 6	WNW 8	WNW 10	WNW 12	WNW 14	W 19	W 25	W 20	W 28	W 32	WSW 26
9	19.6	WSW 11	W 29	W 30	WSW 28	WSW 5	SW 4	SSE 3	ESE 9	SSE 12	SSW 13	SW 26	SW 24
10	16.6	SW 24	NE 15	NE 13	NE 11	ENE 13	ENE 10	E 16	ESE 12	SE 14	SE 22	ESE 14	SE 18
11	11.1	SE 13	SE 18	SSE 15	SSE 15	S 26	SSW 10	S 10	S 9	SSW 14	SSW 8	SSW 13	SW 12
12	11.0	S 4	S 9	SSW 17	SSW 23	S 19	SSW 19	SSW 19	SSW 18	SSW 16	SSW 24	WSW 19	WSW 19
13	17.6	SW 0	SW 0	SW 0	SW 0	SW 0	SW 4	SW 7	SW 5	W 14	WSW 18	WSW 20	W 19
14	9.3	W 28	W 27	W 26	W 31	W 24	WNW 26	WNW 18	WNW 8	WNW 10	WNW 8	WNW 0	WNW 0
15	21.3	WNW 1	WNW 7	W 18	W 16	W 29	W 33	W 38	W 40	W 42	WNW 38	WNW 28	W 13
16	7.1	W 1	W 0	W 0	WNW 0	W 0	W 3	W 4	W 3	W 4	W 4	WNW 6	WSW 4
17	16.6	W 10	W 12	W 16	W 9	W 11	W 12	W 10	W 10	W 12	W 8	W 12	W 24
18	27.9	WSW 22	WSW 23	WSW 19	WSW 18	WSW 15	WSW 15	WSW 7	WSW 11	WSW 6	WSW 9	WSW 29	W 41
19	11.8	WSW 25	SW 25	SW 26	SSW 26	S 20	S 19	SW 17	SW 14	SW 7	SW 2	WSW 7	WSW 11
20	4.9	WSW 4	WSW 6	WSW 8	WSW 11	WSW 19	WSW 12	WSW 5	WSW 5	WSW 8	WSW 6	WSW 5	WSW 4
21	7.7	WSW 0	WSW 2	WSW 3	WSW 8	WSW 14	WSW 12	WSW 14	WSW 8	WSW 12	WSW 10	W 12	W 16
22	25.2	WSW 8	WSW 12	WSW 8	WSW 18	WSW 20	WSW 12	WSW 12	SW 16	SW 11	SW 13	SW 9	SW 8
23	27.4	W 46	W 40	W 40	W 40	WSW 26	WSW 28	WSW 32	WSW 29	WSW 25	WSW 24	WSW 27	WSW 29
24	25.1	WSW 15	WSW 15	WSW 8	WSW 8	WSW 11	WSW 9	WSW 8	WSW 12	WSW 14	WSW 16	WSW 20	WSW 32
25	20.4	NE 60	NE 30	NE 30	NE 30	NE 20	ENE 6	ESE 6	ESE 1	SE 0	NE 1	WSW 3	WSW 1
26	59.9	WSW 65	WSW 67	WSW 80	WSW 78	WSW 90	WSW 80	WSW 66	WSW 100	WSW 89	WSW 100	SW 54	SW 76
27	16.7	SW 12	SW 30	SW 28	SW 34	SW 24	SW 18	SW 26	NW 24	NW 26	NW 7	NW 3	NW 5
28	20.0	WNW 20	WNW 20	WNW 21	WNW 21	WNW 18	WNW 16	WNW 21	WSW 35	SW 20	SW 36	NW 18	NW 29
29	4.1	NW 5	NW 1	NW 0	NW 0	NW 0	NW 2	NW 9	W 0	W 0	W 0	WNW 4	WNW 8
30	12.5	WSW 17	WSW 11	WSW 18	WSW 15	WSW 9	WSW 18	WSW 17	WSW 13	WSW 3	WSW 7	WSW 12	WSW 28
31	10.7	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 1	SW 4	SW 1	SW 0	SW 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). November. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	ESE 7	ESE 10	ESE 7	ESE 7	ESE 1	S 11	SW 24	SW 26	SW 26	WSW 20	WSW 11	WSW 1	242
2	SW 16	SSW 13	SSW 13	SSW 12	SSW 10	SSW 6	SSW 6	SSW 6	SSW 2	SSW 11	SSW 8	SSW 1	198
3	SW 27	SW 21	SW 28	WSW 36	WSW 36	WSW 42	WSW 44	WSW 40	WSW 47	WSW 41	WSW 38	WSW 48	524
4	WSW 27	WSW 27	WSW 22	WSW 18	WSW 18	WSW 18	SW 21	SW 17	SW 13	SW 10	SW 3	SW 9	737
5	SW 12	SW 11	SW 23	SW 18	SW 18	SW 17	SW 11	SW 14	SW 14	SSW 16	SSW 20	SSW 19	234
6	SSW 21	WSW 20	WSW 26	WSW 41	WSW 35	WSW 30	WSW 31	WSW 31	WSW 16	WSW 20	WSW 12	WSW 10	531
7	NW 0	NW 0	NW 0	NW 0	NW 5	WNW 10	WNW 9	WNW 10	NNW 10	N 3	N 2	N 0	111
8	NNW 0	NNW 0	NNW 0	NNW 0	NNW 1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	27
9	SW 6	SW 1	SW 6	SW 4	WSW 8	WSW 3	WSW 1	WSW 1	SSW 3	SSW 12	SW 27	SW 16	117
10	SE 24	SE 26	SE 29	SE 24	SE 28	SE 30	SSE 40	S 33	S 37	S 36	S 24	S 44	849
11	SSW 36	SSW 26	SSW 22	SSW 22	SSW 24	SW 20	SW 24	SW 26	SW 20	SW 26	SW 26	SW 18	796
12	E 4	ESE 9	ESE 12	SSW 12	SSW 11	SSW 15	SSW 18	SSW 20	SW 20	SW 21	SW 7	SW 16	374
13	SW 23	WSW 19	WSW 23	SW 17	SW 4	SSW 7	SSW 27	SSW 29	SSW 28	SSW 24	SSW 26	SSW 26	558
14	WSW 19	WSW 24	WSW 19	WSW 21	SSW 15	SSW 12	SSW 13	SW 19	SW 14	WSW 18	WSW 21	W 29	596
15	W 9	W 8	W 19	W 19	W 26	W 38	W 40	W 60	W 70	W 70	W 66	W 62	662
16	WSW 28	WSW 30	WSW 22	WSW 19	WSW 19	WSW 15	WSW 11	WSW 14	WSW 1	WSW 29	WSW 24	WSW 18	900
17	WSW 18	WSW 20	WSW 14	WSW 28	WSW 16	WSW 16	WSW 28	WSW 28	WSW 28	WSW 14	WSW 15	WSW 13	510
18	WSW 3	WSW 10	WSW 21	WSW 22	WSW 18	WSW 17	WSW 16	WSW 21	WSW 21	WSW 43	WSW 50	WSW 56	428
19	SW 21	SW 17	SW 22	SW 19	SW 13	SW 14	SW 12	SW 12	SW 10	SW 10	SW 13	WNW 11	438
20	SW 24	SW 30	SSW 22	SSW 21	SSW 27	SSW 22	SSW 26	SSW 25	SSW 19	SSW 28	SSW 22	SSW 22	468
21	SSW 15	SSW 15	SSW 13	SSW 10	SSW 11	SSW 8	SSW 9	SSW 9	SW 15	WSW 12	SW 13	SW 16	306
22	NE 22	NE 20	NE 17	NE 21	NE 18	NE 20	NE 24	NE 32	NE 26	NE 28	NE 26	NE 33	473
23	S 8	SSW 17	SSW 29	SSW 32	SW 34	SW 37	SW 39	SW 34	SW 19	S 12	S 9	S 16	453
24	SSW 22	SSW 18	SSW 18	SW 20	SW 22	SW 22	SW 29	SW 24	SW 27	SW 21	SW 24	SW 24	598
25	SW 3	SW 0	SW 1	SSW 5	SSW 7	SSW 13	SSW 12	SSW 12	SSW 16	SSW 18	SSW 16	SSW 20	312
26	SSW 38	SSW 42	SSW 42	SSW 70	SSW 50	SSW 62	SSW 52	SSW 48	SSW 54	SSW 40	SSW 42	SSW 44	799
27	SW 14	SW 14	SW 10	SW 6	SSW 12	SSW 14	S 9	S 14	SSW 18	SSW 19	SSW 20	SSW 30	508
28	S 70	S 66	SSE 54	SSW 48	SW 42	WSW 37	WSW 47	WSW 66	WSW 67	WSW 55	WSW 48	WSW 42	1222
29	S 33	S 34	S 36	S 31	S 19	S 12	WSW 13	WSW 34	WSW 23	WSW 22	WSW 42	SW 40	630
30	SSW 7	SSW 9	SSW 17	SSW 13	SSE 10	SSW 14	S 14	SSW 18	SSW 21	SSW 21	SE 13	SE 14	347

Dezember.

1	S 0	E 5	E 11	E 19	NE 14	NE 16	NE 8	NE 8	NNE 8	NNW 0	NNW 5	N 7	265
2	WSW 29	WSW 29	WSW 26	WSW 38	WSW 32	WSW 32	WSW 50	WSW 50	WSW 53	WSW 45	W 42	W 42	598
3	W 9	W 20	W 22	W 24	W 16	W 17	W 11	WSW 10	WSW 7	WSW 7	WSW 5	WSW 5	418
4	SW 0	SW 6	S 11	WSW 22	WSW 28	WSW 43	WSW 47	WSW 70	WSW 52	WSW 58	WSW 64	WSW 54	477
5	SSW 5	SSW 6	SSW 2	SSW 1	SSW 0	SSW 0	SSW 0	ESE 2	E 6	E 6	NE 1	ENE 0	309
6	NE 12	NE 12	NE 14	NE 12	NE 9	NE 9	NE 8	NE 7	NE 9	NE 6	NE 6	NE 6	150
7	ENE 1	E 2	E 2	ENE 3	ENE 5	NE 3	ESE 5	NNE 1	NNE 2	W 0	W 0	W 0	67
8	WSW 23	W 23	W 28	W 30	W 30	W 25	W 15	W 22	W 32	W 28	WSW 21	WSW 27	505
9	SW 20	SE 20	S 23	S 25	S 28	SSW 38	SSW 18	SSW 34	S 24	S 10	S 18	S 18	470
10	SSE 16	SSE 16	SSE 14	SSE 12	SSE 11	SSE 23	SSE 20	SE 19	SSE 27	SSE 22	SSE 21	ESE 16	399
11	SSW 12	SSW 4	SSW 0	SSW 8	SSE 15	SSE 12	SSE 8	SSE 14	S 13	S 9	S 4	S 4	266
12	WSW 18	WSW 14	WSW 11	WSW 3	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 14	WSW 6	WSW 2	264
13	W 27	W 24	W 30	W 24	W 26	W 32	W 28	W 30	W 26	W 26	W 33	W 29	422
14	WNW 0	WNW 2	WNW 3	WNW 3	WNW 2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 3	WNW 2	WNW 3	224
15	W 17	WNW 18	W 17	W 19	W 25	W 26	W 27	W 20	W 16	W 15	W 7	W 1	511
16	WSW 4	WSW 5	W 7	WSW 12	WSW 18	WSW 22	W 14	W 14	W 18	W 8	W 12	W 8	171
17	W 14	W 24	W 25	W 19	W 22	WSW 20	WSW 20	WSW 20	WSW 20	WSW 20	WSW 25	WSW 23	398
18	W 50	W 50	WSW 42	WSW 34	WSW 34	WSW 40	WSW 40	WSW 34	WSW 34	WSW 30	WSW 32	WSW 36	671
19	WSW 5	WSW 4	WSW 2	WSW 11	W 5	W 18	WSW 12	W 12	W 4	W 7	W 0	W 5	284
20	WSW 6	WSW 2	WSW 4	WSW 1	WSW 0	WSW 0	SW 2	SW 0	SW 2	SW 1	SW 3	SW 3	117
21	W 14	W 12	W 14	W 12	WSW 6	WSW 6	WSW 5	WSW 1	WSW 1	WSW 0	WSW 1	WSW 2	185
22	S 18	WSW 11	WSW 22	WSW 30	WSW 42	WSW 46	WSW 48	WSW 46	WSW 50	WSW 60	WSW 44	W 40	604
23	WSW 26	SW 33	SW 26	SW 12	SW 8	SW 24	WSW 19	WSW 27	WSW 24	WSW 26	WSW 23	WSW 23	657
24	WSW 20	WSW 30	WSW 32	WSW 36	WSW 44	WSW 42	WSW 42	WSW 42	WSW 42	WSW 26	WSW 38	WSW 40	602
25	WSW 0	WSW 0	WSW 0	WSW 7	WSW 15	WSW 20	WSW 12	WSW 20	WSW 52	WSW 32	WSW 74	WSW 70	490
26	SW 74	SW 70	SW 58	SW 54	SW 38	SW 34	SW 30	SW 30	SW 24	SW 26	SW 20	SW 36	1439
27	NW 4	NW 3	NW 16	NW 30	WNW 32	WNW 22	WNW 14	WNW 14	WNW 9	WNW 5	WNW 4	WNW 10	400
28	NW 23	NW 26	NW 23	NW 27	NW 26	NW 24	NW 24	NW 11	NW 9	NW 11	NW 0	NW 0	479
29	WNW 5	WSW 3	WSW 0	WSW 6	WSW 10	WSW 12	NW 12	NW 3	NW 1	NW 6	NW 7	NW 5	99
30	WSW 26	WSW 22	WSW 22	WSW 22	WSW 14	WSW 6	WSW 8	WSW 11	WSW 2	SW 0	SW 0	SW 0	301
31	SW 0	SW 5	WSW 28	WSW 32	WSW 48	WSW 52	WNW 13	WNW 9	WNW 10	WSW 16	WSW 20	WSW 18	257

1923. **Häufigkeit der 16 Windrichtungen** (in Stunden). **Säntis.**

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	23	7	14	26	2	—	1	9	26	55	73	63	37	23	35	22	328	744
Februar	9	8	8	8	28	1	3	6	28	86	165	121	72	61	20	11	36	672
März	6	2	32	20	91	3	37	42	47	56	46	40	50	17	23	4	228	744
April	8	6	18	9	6	7	6	6	122	71	61	141	101	69	5	5	79	720
Mai	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	17	11	7	1	8	1	—	—	1	4	140	218	129	23	25	9	126	720
Juli	6	9	43	15	5	9	9	7	4	75	155	164	118	61	10	9	45	744
August	—	7	1	2	6	—	3	7	31	90	247	259	39	18	2	3	29	744
September	28	7	4	7	4	5	7	11	20	80	111	141	88	71	28	27	81	720
Oktober	1	—	—	—	—	—	—	13	34	135	96	321	95	15	1	—	33	744
November	11	2	26	8	3	10	26	3	40	293	142	162	24	14	1	5	40	720
Dezember	1	3	39	9	8	11	10	18	22	23	62	249	129	44	31	1	84	744
Summe	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
id. in %	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mittlere Windgeschwindigkeit (Meter in der Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	2.6	4.4	2.4	4.6	3.7	—	3.9	5.8	4.3	4.9	7.0	3.6	4.2	7.2	3.8	3.9	—
Februar	28 »	5.7	5.4	4.3	5.6	6.7	3.3	4.6	2.3	4.3	5.9	7.4	7.4	7.6	4.2	2.8	3.3	—
März	31 »	0.3	0.3	4.4	3.6	4.6	1.8	4.1	3.0	3.6	2.9	3.8	5.5	7.4	5.3	2.0	0.5	—
April	30 »	3.2	2.8	2.4	3.9	2.7	3.4	1.9	1.1	6.4	3.3	4.2	6.0	4.9	3.1	3.0	2.7	—
Mai	31 »	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	30 »	1.8	2.3	3.3	0.3	2.0	1.1	—	—	1.7	4.7	5.6	5.6	6.9	3.6	2.3	2.0	—
Juli	31 »	3.5	4.2	2.0	1.3	1.1	1.5	3.3	3.2	3.3	7.4	8.9	8.8	5.4	3.3	3.6	2.2	—
August	31 »	—	1.9	3.6	1.4	0.4	—	0.8	3.7	4.0	6.9	9.6	7.6	5.1	8.3	2.4	6.3	—
Septemb.	30 »	2.3	0.8	1.5	3.4	2.5	1.6	3.2	2.3	4.1	5.5	4.7	5.9	4.5	4.7	2.3	3.6	—
Oktober	31 »	1.9	—	—	—	—	—	—	10.5	10.6	9.6	9.6	11.4	6.3	3.6	3.6	—	—
Novemb.	30 »	0.8	0.7	5.4	4.7	0.7	2.0	5.0	3.2	7.3	6.9	4.8	6.6	12.3	3.5	1.4	2.2	—
Dezemb.	31 »	1.9	1.0	3.1	1.6	2.3	3.1	4.5	4.3	4.0	4.2	5.9	6.4	5.8	3.3	3.8	1.4	—
	Mittel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Monatsmittel der Windgeschwindigkeit (Meter in der Sekunde).

		1h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24h	Mittel
Jan.	31 Tage	2.5	2.6	3.0	3.1	3.8	3.1	2.8	2.9	2.5	2.7	3.2	3.4	3.8	3.2	2.5	2.1	2.5	2.3	1.9	1.3	1.5	1.8	1.8	2.2	2.6
Febr.	28 »	6.1	6.3	6.2	5.6	5.5	5.8	5.5	5.1	5.2	4.9	5.4	5.6	5.3	5.7	5.8	5.6	6.1	6.8	7.4	7.6	7.2	6.6	6.5	6.6	6.0
März	31 »	2.4	2.6	2.8	2.5	2.6	2.9	3.0	2.9	3.0	3.1	2.8	3.0	3.8	3.4	2.9	3.0	2.8	3.1	3.0	2.8	2.9	2.7	2.6	2.9	2.9
April	30 »	4.7	4.8	4.5	4.5	3.9	3.9	4.3	3.7	3.4	3.8	3.4	3.7	3.6	3.8	3.9	4.0	4.3	4.8	5.2	4.9	5.1	4.7	4.1	4.5	4.2
Mai	31 »	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	30 »	4.1	4.4	4.0	4.0	3.7	3.8	3.9	4.0	4.2	4.6	4.8	4.5	4.5	4.7	4.8	4.8	4.7	4.6	4.5	4.8	4.5	4.4	4.3	4.4	4.4
Juli	31 »	6.4	6.7	6.8	6.8	6.6	7.0	7.0	6.5	6.2	5.9	5.1	5.6	5.0	5.8	5.8	5.5	5.4	5.8	5.8	5.4	6.1	6.1	6.3	6.3	6.0
Aug.	31 »	7.5	7.6	7.5	7.5	7.9	7.7	7.8	6.6	6.7	6.0	6.4	7.3	7.5	7.1	7.8	7.7	7.8	7.6	7.6	7.6	7.6	7.9	7.1	8.0	7.4
Sept.	30 »	4.6	4.5	4.3	4.0	3.6	3.4	3.7	3.2	3.3	3.4	3.4	3.8	4.2	4.1	4.2	3.9	4.0	4.5	4.3	5.0	5.0	4.7	4.3	4.5	4.1
Okt.	31 »	8.9	9.3	9.5	9.7	10.0	9.5	9.1	8.8	8.3	9.2	8.7	9.3	8.9	9.3	9.4	9.5	10.2	10.3	9.7	9.7	9.8	9.8	10.0	9.3	9.4
Nov.	30 »	6.3	5.9	6.1	6.0	5.9	5.4	5.8	5.9	5.5	5.5	4.7	5.4	5.1	5.1	5.4	5.7	5.1	5.4	6.0	6.7	6.4	6.4	6.3	6.5	5.8
Dez.	31 »	4.3	4.4	4.6	4.8	4.6	4.1	4.1	4.2	4.1	4.4	3.9	4.6	4.8	4.5	4.8	5.3	5.4	5.9	5.0	5.2	5.2	4.6	4.8	4.8	4.7
Mittel d. 365 Tage		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*) Der Windmessapparat befand sich vom 4.—20. Mai in Reparatur.

1923. **Weg in Kilometern.** Säntis.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	211	111	105	385	27	0	14	189	400	967	1843	809	561	516	477	308	6923
Februar	184	156	124	161	673	12	50	57	432	1824	4382	3215	1972	921	203	133	14499
März	7	2	508	261	1516	19	541	452	609	574	625	787	1328	325	167	7	7728
April	93	60	152	125	58	85	42	24	2823	833	928	3046	1798	778	53	49	10947
Mai	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	110	92	82	1	79	4	0	0	6	68	2821	4365	3195	295	209	64	11391
Juli	76	136	309	68	20	49	107	80	48	2007	4985	5165	2306	736	128	72	16292
August	0	49	13	10	8	0	9	94	446	2220	8581	7102	714	535	17	68	19866
September	234	19	22	85	36	29	81	90	294	1596	1875	2983	1440	1198	235	345	10562
Oktober	7	0	0	0	0	0	0	493	1302	4680	3305	13136	2162	193	13	0	25291
November	31	5	504	134	8	71	469	35	1053	5018	2465	3868	1067	175	5	40	14948
Dezember	7	11	436	53	67	123	161	276	320	348	1312	5729	2704	527	420	5	12499
Summe	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
id. in %	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Maximale Geschwindigkeit (Meter in der Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	8.6	7.8	8.1	8.9	4.4	—	3.9	10.6	11.1	17.2	18.9	8.9	7.8	15.0	9.4	8.6	—
Februar 28 »	11.1	6.7	5.6	8.3	11.1	3.3	5.3	3.1	10.0	26.1	21.1	16.9	19.2	20.6	4.2	6.4	—
März 31 »	0.6	0.3	12.2	9.4	11.1	3.6	8.3	7.2	7.8	10.0	9.4	9.4	16.7	14.7	5.0	0.8	—
April 30 »	6.9	4.2	5.6	6.4	3.9	4.4	4.4	2.8	16.7	8.3	10.6	16.1	15.6	9.4	3.9	9.4	—
Mai 31 »	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni 30 »	5.3	4.4	5.8	0.3	5.3	1.1	—	—	1.7	6.7	16.9	11.9	18.9	10.8	5.3	6.7	—
Juli 31 »	5.6	10.0	9.7	3.1	2.8	4.7	8.9	5.3	6.1	17.5	20.6	19.4	12.8	9.4	6.1	5.6	—
August 31 »	—	4.7	3.6	2.5	0.8	—	1.7	5.8	11.4	15.0	24.7	21.7	16.7	23.6	3.3	7.5	—
Septemb. 30 »	6.4	1.1	4.2	6.4	3.6	1.9	5.3	6.1	9.7	17.8	17.5	16.4	10.0	14.4	7.2	6.4	—
Oktober 31 »	1.9	—	—	—	—	—	—	18.4	18.9	20.0	19.4	26.1	16.1	6.7	3.6	—	—
Novemb. 30 »	1.9	0.8	9.2	7.8	1.1	3.3	11.1	4.2	19.4	20.0	11.7	18.6	22.2	5.8	1.4	2.8	—
Dezemb. 31 »	1.9	2.2	16.7	3.6	5.3	6.9	6.1	7.5	7.8	10.6	21.1	27.8	13.9	10.6	8.3	1.4	—
Jahr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Monatsmittel der Windgeschwindigkeit (Kilometer in der Stunde).

	1 h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 h	Mittel
Januar 31 Tage	9.0	9.3	10.6	11.4	13.6	11.4	10.1	10.3	9.1	9.6	11.5	12.3	11.7	11.5	9.0	7.6	8.9	8.2	6.8	4.7	5.5	6.4	6.5	8.0	9.3
Febr. 28 »	21.9	22.7	22.2	20.2	19.7	19.0	20.0	18.4	18.8	17.6	19.8	20.2	18.9	20.2	21.0	20.2	21.9	24.3	26.5	27.5	26.0	23.9	23.4	23.9	21.6
März 31 »	8.5	9.8	9.9	9.0	9.5	10.6	10.8	10.6	10.9	11.1	10.2	10.7	11.9	12.4	10.6	10.9	10.1	11.0	10.8	10.0	10.4	9.8	9.5	10.5	10.4
April 30 »	17.0	17.8	16.5	16.6	13.9	14.0	15.3	13.3	12.3	11.8	12.2	13.3	13.0	13.3	14.1	14.6	15.6	17.1	18.7	17.7	18.4	17.0	15.0	16.3	15.2
Mai 31 »	*) —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni 30 »	14.9	16.0	14.4	14.7	13.5	13.8	14.2	14.5	15.1	16.7	15.5	16.2	16.3	17.0	17.2	17.5	17.0	16.6	16.4	17.4	16.4	16.0	15.6	16.0	15.8
Juli 31 »	23.2	24.4	24.6	24.6	23.9	25.2	25.2	23.5	22.4	21.4	18.6	20.2	18.3	21.0	19.1	20.0	19.6	19.1	21.2	19.7	22.2	22.1	22.7	22.9	21.8
Aug. 31 »	27.1	27.5	27.2	27.1	28.4	27.7	26.4	23.7	24.1	21.5	23.1	26.3	26.9	25.5	26.3	27.9	28.0	27.6	27.6	27.6	27.4	28.4	27.1	29.1	26.7
Sept. 30 »	16.6	16.1	15.7	14.5	12.9	12.4	13.5	11.5	11.8	12.1	12.8	13.7	15.0	14.8	15.2	14.0	14.3	16.2	15.1	17.8	17.8	16.9	15.6	16.0	14.7
Okt. 31 »	32.1	33.3	34.1	35.0	36.0	34.2	32.8	31.7	31.7	32.9	31.3	33.3	32.1	33.4	33.7	34.1	36.7	37.0	35.1	34.9	35.4	35.8	35.9	33.6	34.0
Nov. 30 »	22.6	21.2	22.0	21.7	21.5	19.4	19.2	21.2	20.0	19.9	17.1	19.4	18.6	18.6	19.6	20.5	18.6	19.4	21.7	24.1	23.0	23.0	22.6	23.3	20.8
Dez. 31 »	15.6	16.0	16.4	17.2	16.6	14.8	14.9	15.3	14.9	17.7	14.2	16.5	15.4	16.2	17.1	19.0	19.5	21.4	18.1	18.7	18.6	16.5	17.4	17.2	16.8
Mittel d. 365 Tage	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*) Der Windmessapparat befand sich vom 4.—20. Mai in Reparatur.

Anhang

zum Jahrgang 1923 der

Annalen der schweizerischen meteorologischen Zentralanstalt.

Ergänzende Beobachtungen und

Abhandlungen.

Nr. 1.

Uebersicht über den Witterungsverlauf in der Schweiz im Jahre 1923

von **Dr. W. Brückmann.**

Das Jahr 1923 war — im Gegensatz zu seinem Vorgänger — im Durchschnitt ein warmes Jahr. Die positiven Abweichungen des Jahresmittels der Temperatur vom normalen gehen im Mittelland und südlich der Alpen bis zu 0.8°, in den höheren Lagen waren sie geringer. An Niederschlägen haben der Nordosten, die zentralen Teile des Landes, sowie der Südfuss der Alpen nicht ganz die normalen Mengen erhalten, für die westliche Hälfte der Schweiz und für die Höhen hingegen war das Jahr ein niederschlagsreiches. Der Ueberschuss der Säntisstation ist, namentlich infolge reichlicher Niederschläge im Winter, wieder sehr gross, wenn er auch erheblich hinter dem des Vorjahres zurückgeblieben ist. Die mittlere Bewölkung war im Südwesten gering, im Osten über normal, der Wert von Genf kommt dem niedrigsten bisher dort beobachteten nahe, der des Säntis umgekehrt dem bisherigen Maximum der Station. Den Bewölkungsverhältnissen entsprechend blieb die Sonnenscheindauer ausser im Südwesten überall unter der durchschnittlichen; wiederum kam der Säntis besonders schlecht weg, für den das Jahr neben 1912 das sonnenscheinärmste seit Bestehen des Observatoriums gewesen ist.

In den einzelnen Monaten waren Charakter und Verlauf der Witterung folgende (bis Juli von Herrn Dr. Billwiller):

Der Januar war in den Niederungen wärmer als normal und im grössten Teil des Landes sehr trübe. Der Wärmeüberschuss beträgt im Mittelland 1—1½ Grad; die Voralpengipfel dagegen hatten einen ungefähr eben so grossen Wärmeausfall als Effekt der vorwiegend zyklonalen Witterung. Letztere machte sich auch geltend in dem starken Defizit an Sonnenschein, das auf dem Säntis zirka 50 Stunden erreicht; nur die Westschweiz hatte eine kleinere Bewölkung und mehr Sonnenschein als durchschnittlich. Die Niederschlagsmengen blieben im Westen beträchtlich unter den normalen, während der äusserste Osten und namentlich die Bergstationen bedeutend mehr Niederschlag hatten; vollständig niederschlagsfrei blieb Lugano.

Die rege Depressionstätigkeit im Norden des Kontinentes bedingte im ersten Monatsdrittel trübe, relativ warme Witterung mit vereinzelten, und abgesehen von der Nacht vom 8./9., unbedeutenden Niederschlägen. Am 9. und 10. lag die Temperatur bei frischen westlichen Winden noch höher und in der Westschweiz fiel am 10. erheblicher Regen. In den nächsten Tagen bedingte Tiefdruck südwärts der Alpen Bise und bei Temperaturen um Null leichten Schneefall, der vom 14. an im Osten des Landes reichlicher einsetzte unter dem Einfluss einer sich nach Osteuropa fortbewegenden Depression. Der sich nachher über Frankreich und Deutschland festsetzende Hochdruck brachte der Westschweiz vom 17., dem Osten vom 18. an zeitweilige Aufheiterung und stärkere Nachtfröste. Ergiebigen Schneefall hatte der 20., bedingt durch eine rasch vorbeiziehende nördliche Depression, hinter welcher sich der im Westen liegende Hochdruck gegen Zentraleuropa auszubreiten begann. Am 23. fiel im äussersten Osten des Landes nochmals Schnee; dann folgte die einzige Periode des Monats mit ruhiger, antizyklonaler, auf den Höhen heller, in den Niederungen unter dem Hochnebel sehr trüber Witterung; zuerst herrschte Frost; vom 26. an lag die Temperatur in den Niederungen etwas über dem Gefrierpunkt. Mit dem 29. trat auch in der Höhe Trübung ein, und eine ausgesprochene Südwestströmung brachte weiteren Temperaturanstieg und leichten Niederschlag, der am letzten Tag bis gegen 1500 Meter in Regen überging.

Der Februar war ausserordentlich trübe, sehr niederschlagsreich und erheblich wärmer als normal. Der Wärmeüberschuss beträgt für das ost- und zentralschweizerische Mittelland bis zu drei, für das Genferseegebiet zirka 2 Grade; noch kleiner war er auf den Höhenstationen und im Süden der Alpen. Die Niederschlagsmengen waren auf den Talstationen relativ am grössten im Westen des Landes, wo zirka 1½ mal so viel als durchschnittlich im Februar fiel; noch grössere Beträge wurden aber auf den Höhenstationen des Jura und der Alpen gemessen. Die Sonnenscheindauer ge-

hört zu den kleinsten Februarwerten; charakteristisch für den Monat ist, dass der Fehlbetrag auf Tal- und Bergstationen verhältnismässig der gleiche ist. Das hängt zusammen mit der andauernden zyklonalen Beeinflussung des Wetters; winterliche Hochdrucksituationen von längerem Bestande kamen nicht vor; nur das erste Monatsdrittel brachte einige im ganzen Lande trockene und in der Höhe vorwiegend heitere Tage. Sonst war die Witterung trübe und vom 8. an hatten fast alle Tage Niederschlag, der im Mittelland zufolge der relativ hohen Temperatur beinahe ausschliesslich als Regen fiel. Bezüglich der Temperatur sei hervorgehoben, dass in Zürich alle Tagesmittel über den normalen lagen, am meisten zu Beginn des Monats. — Der Südfuss der Alpen hatte ein kleineres Defizit an Sonnenscheindauer; Niederschlagshäufigkeit und -menge waren ungefähr die im Februar normalen.

Der März war im Mittel zu warm und im grössten Teil des Landes zu trocken. Bestimmend dafür wurde die heitere, trockene und vom 20. an auch recht warme Witterung der zweiten Monatshälfte, während die erste äusserst trübe war und auch häufige Niederschläge brachte. Der Wärmeüberschuss beträgt durchschnittlich 1—1½, auf dem Säntis 2 Grade. Die Niederschlagsmengen blieben in der Ostschweiz um zirka die Hälfte, im Alpengebiet und im Tessin viel erheblicher unter den normalen; im Westen waren sie annähernd normal. Die vorwiegend heitere Witterung der zweiten Monatshälfte vermochte den äusserst starken Ausfall an Sonnenschein, in der ersten Hälfte wenigstens, in der Ost- und Zentralschweiz nicht mehr zu kompensieren; es blieb ein Defizit von zirka 30 Stunden, während die Höhenstationen und auch das Tessin einen Mehrbetrag aufweisen.

Das regnerische, aber relativ warme Westwetter, das im Februar vorgeherrscht hatte, dauerte auch an den ersten Märztagen noch an; vom 4. an lag dann der tiefste Druck südwärts der Alpen, und es fielen bei Bise nur noch in der Ostschweiz geringe Niederschläge. Am 7. und 8. brachte wieder ein Depressionseinbruch von Westen Niederschlag, während vom 9. an bei sinkender Temperatur von Osten kommende Schneefälle einsetzten, bedingt durch Tiefdruck im SE des Kontinents. Vom 12. an heiterte es auf den Höhen über 2000 m zeitweise auf; in der Nacht vom 14./15. fielen — abgesehen vom Genferseegebiet — noch einmal leichte Niederschläge; dann folgte, bedingt durch ein über Südskandinavien liegendes Hochdruckgebiet, eine Periode trockener, in der Höhe heiterer, über dem ostschweizerischen Mittellande zunächst noch trüber und hier auch noch kalter Witterung, bis am 20. eine föhnige Aufheiterung eintrat. Flache Depressionen über Frankreich bedingten in den nächsten Tagen leichte Niederschläge namentlich im Westen des Landes und ein weiteres Ansteigen der Temperatur; vom 23. an heiterte es allgemein auf und die Temperatur erreichte nun bei grosser Tagesamplitude mittags hohe Werte. Eine vorübergehende Störung brachte der Einbruch einer Böenlinie in der Nacht vom 28./29., wobei die Niederschläge aber nur in der Zentralschweiz erheblicher waren. Die letzten Tage des Monats waren wechselnd bewölkt; am Abend des 31. fielen in der Westschweiz Regenschauer gewittriger Natur.

Der April zeigt nördlich der Alpen keine grossen Abweichungen in den hauptsächlichsten klimatischen Mittelwerten. Die Nordostschweiz war etwas zu kühl, die Südwestschweiz ein paar Zehntelgrade wärmer als normal; die Niederschläge erreichten ungefähr die durchschnittlichen — nur Genf hatte wesentlich mehr — und die Dauer des Sonnenscheins blieb wenig unter der normalen, abgesehen von den Höhenstationen, die ein etwas grösseres Defizit aufweisen. Merklicher waren die Abweichungen am Alpensüdfuss, der mehr als einen Grad zu kalt, erheblich niederschlagsreicher und trüber war als in den langjährigen Mittelwerten. — Die Vegetation, die in der schönen und warmen zweiten Märzhälfte frühzeitig erwacht war, entwickelte sich auch in diesem Monat schön.

Für die Witterung der ersten Dekade in unserem Lande war im allgemeinen der über dem Nordosten des Kontinentes lagernde Hochdruck bestimmend: vorwiegend heiteres und trockenes Bisewetter mit kalten Nächten (Minimaltemperatur um den Nullpunkt); gelegentlich bedingten Druckstörungen über Frankreich vereinzelte geringe Niederschläge, so am 3. in der Westschweiz, am 5. auch im Osten des Landes. Sehr trüb und kühl war es in der Ostschweiz am 8. und 9. unter dem Einfluss aus Osten vordringender Kaltluft, während der 10. wieder allgemein heiter war. Mit dem Beginn der zweiten Dekade drang ein umfangreiches Tiefdruckgebiet von Westen nach dem Kontinent vor, und es wurde recht warm, besonders als noch Föhnwirkung dazu kam; dabei fielen starke Niederschläge in der Westschweiz in der Nacht vom 12./13., bedingt durch ein Teilminimum über dem Golf du Lion. Im Osten setzten erhebliche Niederschläge erst am 14., mit dem Erscheinen von Depressionen auch im Süden und Osten, ein, hielten dann aber bis und mit dem 17. an, unter merklich Temperaturfall (Schnee bis auf 800 m herab). Auch der 19. brachte wieder Niederschlag; dann verursachte eine südwestliche Depression Föhnlage, ohne dass es zunächst aufheiterte; dazu kam es erst am 22. nach kurzem Regenfall. In der Folge blieb die Witterung veränderlich: am 23. und 24. trüb mit teilweise von Gewittern begleiteten Niederschlägen zufolge Einbruches kalter Luft; am 25. und 26. heiter (Hochdrucksattel über dem zentralen Europa); am 27. und 28. neuerdings Niederschläge mit starkem Temperaturfall (Depression im Süden der Alpen nach Oesterreich ziehend); gegen Schluss des Monats wieder trocken und langsam aufheiternd (Hochdruck über Spanien).

Der Mai war in seinem ersten Drittel hell, trocken und sehr warm, in den beiden letzten brachte er häufige Niederschläge und kühle Tage. Das Monatsmittel der Temperatur zeigt keine nennenswerten Abweichungen vom normalen, abgesehen von den alpinen Höhenstationen und dem Tessin, die etwas zu warm sind. Die Niederschläge blieben im Nordosten unter den durchschnittlichen; die West- und Südwestschweiz (von Bern an) hatten wesentlich grössere Mengen, die beinahe den doppelten Betrag erreichten. Auch das Tessin war niederschlagsreich. Die Sonnenscheindauer übersteigt die normale am Nordfuss der Alpen.

Die zu Ende April eingetretene Aufheiterung hielt bis gegen Schluss der ersten Maidekade an. Unter Einfluss von Hochdruck über dem Kontinent herrschte heiteres und für die Jahreszeit sehr warmes Wetter; vom 6.—8. näherten sich die Maximaltemperaturen 30 Grad. Ein sehr empfindlicher Temperaturrückgang setzte dann um den 9. ein, als eine Depression durch Zentraleuropa ostwärts zog und im ganzen Lande Niederschlag bedingte. In der Folge blieb die Witterung sehr veränderlich und kühl unter dem Einfluss von tiefem Druck über der Nordsee; erhebliche Niederschläge fielen am 14.; auf den 18. ging die Temperatur so stark zurück, dass es bis auf 700 m herab schneite. Auf die Pfingsttage (19./20.) hob sich die Temperatur auf die normale bei etwelcher Aufheiterung. Heiter war der 23.; ihm folgten am 24. im ganzen Lande ergiebige Niederschläge mit lokal sehr heftigen Gewittern, und am 25. fielen unter dem Einfluss einer südnordwärts quer über die Alpen ziehenden Depression in der Westschweiz ganz beträchtliche Regenmengen, während der Osten erst am 26. Niederschlag erhielt. Dieselbe Situation wiederholte sich merkwürdigerweise noch zweimal, am 27./28. und am 29./30., wobei namentlich am 29. in der West- und Zentralschweiz wieder ganz erhebliche Regenmengen gemessen wurden.

Der diesjährige Juni ist bei weitem der kälteste unserer bis 1864 zurückreichenden Beobachtungsreihe. Ausserordentlich viel trübe, kühle Tage und häufige Niederschläge sind für ihn charakteristisch. Die Abweichungen vom Monatsmittel der Temperatur betrugen durchschnittlich über 3 Grade, einzelne Stationen der Nord- und Ostschweiz zeigen sogar einen Wärmeausfall von vollen 4°. Etwas günstiger stellen sich die Orte der Westschweiz und der Südfuss der Alpen, aber selbst letzterer verzeichnet noch ein Temperaturdefizit von nahezu 2 Graden. Die Niederschlagsmengen blieben mit Ausnahme der östlichen Grenzgebiete, trotz der hohen Zahl der Tage mit Niederschlag, wesentlich unter den durchschnittlichen, in der Westschweiz erreichen sie kaum die Hälfte der normalen Mengen. Auch im Tessin fielen weniger, als die Mittelwerte angeben. Die Sonnenscheindauer blieb, entsprechend dem Charakter des Monats, in der ganzen Schweiz unter der normalen; in der Nordschweiz beträgt der Ausfall 30—50, im Süden der Alpen sogar gegen 100 Stunden.

Unter dem Einfluss eines Hochdruckgebietes im Nordwesten Europas waren die ersten drei Tage des Monats hell und vorwiegend trocken. In der Folge zeigte die Witterung während des ganzen Monats einen ziemlich gleichmässigen Verlauf. Während über dem Atlantischen Ozean und der iberischen Halbinsel ein sich wenig veränderndes Hochdruckgebiet lagerte, drangen von Norden oder Nordwesten immer neue Depressionen gegen Mitteleuropa vor und führten kalte Polarluft bis weit in den Süden, meist begleitet von mehr oder weniger reichlichen Niederschlägen bei erheblichem Temperaturfall. Eine erste solche kalte Luftströmung verursachte durch ihr rasches Vordringen bereits am 4. und 5. einen bedeutenden Temperatursturz, verbunden mit trübem, regnerischem Wetter in der ganzen Schweiz und Schneefall bis 1500 m. In den folgenden Tagen gelang es dem westlichen Hochdruckgebiet, allmählich gegen Zentraleuropa vorzudringen, was für unser Land vom 8.—11. heitere, trockene und wiederum wärmere Witterung zur Folge hatte. Statt der erwarteten allgemeinen Besserung der Wetterlage steigerte sich in der zweiten Dekade die eingangs erwähnte Depressionstätigkeit aus Norden und Nordwesten noch. Es erschien Depression auf Depression, jede kalte Nordluft mit sich führend; die Witterung war dementsprechend im Norden der Alpen meist trübe, kalt und regnerisch, während der Südfuss diesmal von den Kälteeinbrüchen nicht erreicht wurde. Am 16.—18. fiel Neuschnee bis 900 m, die Höhenstationen meldeten dabei winterliche Temperaturen (Säntis am 18. −8.8°). Am 21. sistierten am Genfersee die Niederschläge und es heiterte sogar auf, unter dem Einfluss eines neuen Vorstosses des ozeanischen Hochdruckes; dessen allmählicher Zerfall ermöglichte aber schon am 25. einer über Skandinavien verharrten Depression, langsam nach Süden vorzurücken, begleitet von einem weiteren sehr intensiven Kälteeinbruch, der namentlich in der Nord- und Ostschweiz am 26. und 27. bedeutende Niederschläge zur Folge hatte. Dann gewann neuerdings Hochdruck über Europa Raum und brachte unserem Lande in den letzten Tagen des Monats die lang ersehnte Aufheiterung.

Der Juli war sehr warm, recht heiter und trocken. Der Wärmeüberschuss ist mit 2½ Graden in der Westschweiz am grössten (Genf hatte in den letzten 60 Jahren nur wenige Zehntel höhere Julimittel); in der Nordostschweiz beträgt er nur zirka 1½ Grade (so dass Zürich verschiedene wesentlich wärmere Julimonate hatte, nämlich 1874 und 1881 mit 21.1°, 1911 mit 20.8°). Die Niederschlagsmengen erreichten am Nordfuss der Alpen kaum die Hälfte der normalen; besonders trocken war der Nordwesten, während Genf zufolge eines lokalen Gewitters eine grössere Monatsmenge hatte. Die Dauer des registrierten Sonnenscheins erreichte den hohen Wert von zirka 300 Stunden, blieb aber damit doch noch weit unter den 1911 gemessenen Redordzahlen.

Die ersten beiden Tage des Monats brachten dem Alpennordfuss — vom Genferseegebiet abgesehen — noch leichtere Niederschläge; dann bedingte über dem Kontinente sich festsetzender Hochdruck trockenes und sozusagen wolkenloses Wetter. Bis zum 7. herrschte leichte Bise vor, und es wurde bis zu diesem Tage nur mässig warm; vom 8. an lag dann die Temperatur ganz wesentlich über der normalen, und es kamen ganz vereinzelte Gewitter vor (z. B. fielen am 9. in Genf ganz lokal 45 $^{m}/_{m}$). Die heissesten Tage waren der 13. und 14.; an letzterem Tage erreichte die Maximaltemperatur in Zürich 34.8°. Auf der Rückseite von flachen Depressionen brachten dann am 15. kältere Luftmassen der Alpennordseite Gewitter und etwelche Abkühlung. Noch fühlbarer wurde diese während der Niederschläge vom 17./18.; der letztere war der einzige im ganzen Lande trübe Tag des Monats; schon am 19. heiterte es bei von Westen vorstossendem Hochdrucke wieder auf. Die Randwirkung nördlicher Depressionen brachte am 22. ganz vereinzelte Gewitter, am 24. stärkere Trübung und in der Nord- und Ostschweiz allgemeinen Gewitterregen. Vom 26. an wurde eine über dem Atlantischen Ozean ausgebildete nordwestliche Luftdrift auch in unserem Lande wirksam; die Temperatur sank auf und unter die normale, und es fielen zeitweise ganz leichte Niederschläge; sehr ergiebig waren dann die von Gewittern begleiteten Niederschläge am Abend des 31. im ganzen Lande.

Der August war im Durchschnitt warm, heiter und trocken. Das Monatsmittel der Temperatur lag im östlichen Teil des Mittellandes und des Jura $^1/_2$—1°, in der westlichen Landeshälfte und im Alpengebiet 1—$1^1/_2$°, auf den Bergstationen $1^1/_2$—2° über normal. Für einzelne Teile unseres Landes, besonders den Süden, gehört der August damit zu den wärmsten Augustmonaten der letzten 60 Jahre. Der Temperaturüberschuss rührt von einer etwa zehntägigen Wärmeperiode in der ersten Monatshälfte her. Die Tagesmittel stiegen in dieser Zeit auf den Bergstationen bis zu $10^1/_2$°, in den tiefern Lagen bis fast 8° über die normalen; die höchsten an den Mittagsterminen gemessenen Temperaturen gehören ebenfalls zu den höchsten bisher in der Schweiz beobachteten Augustwerten, an einzelnen Orten ist das bisherige Maximum überschritten worden, so in Zürich, wo am 10. mit 33.9° der höchste Mittagswert des August seit 1864, also seit Bestehen der Station, notiert worden ist. Die Niederschläge erreichten nördlich der Alpen etwa $^3/_4$, in Lugano weniger als die Hälfte der normalen Mengen. Die gemessene Sonnenscheindauer überstieg die mittlere um durchschnittlich etwa 20 %.

Der Monatsanfang hatte den veränderlichen Witterungscharakter der letzten Julitage; am 3. fielen noch teilweise beträchtliche Regenmengen. Mit dem 4. begann dann unter dem Einfluss hohen Druckes die Periode heiteren, trockenen und abnorm warmen Wetters, die den mittleren Witterungscharakter des Monats hauptsächlich bestimmt hat. Sie dauerte bis zum 15. und fand an diesem Tage ihren Abschluss durch den Einbruch kälterer Luftmassen auf der Rückseite einer nördlichen Depression, der bei uns mit starken Gewitterstürmen von vielfach zerstörender Wirkung begleitet war. Die Mittagstemperaturen lagen am 16. nördlich der Alpen um mehr als 10° tiefer als am Vortag, im Tessin erfolgte die Abkühlung einen Tag später. Von da an blieb die Witterung bis zum Ende des Monats von dem öfteren Wechsel vorüberziehender Depressionen beeinflusst, die Tagesmittel der Temperatur lagen vorwiegend unter den normalen, besonders in den tieferen Lagen. In der Nacht vom 18. auf den 19. fielen bei einem neuen Kälteeinbruch, vor allem in der Zentralschweiz, beträchtliche, zum Teil von Gewittern begleitete Niederschläge, in den Bergen (bis etwa 1500 m hinab) als Neuschnee. Unter dem Einfluss des Hochdruckes, der dieser Depression folgte, war der 21. im ganzen Lande heiter und warm. Schon der folgende Tag brachte aber von neuem kühles Wetter mit teilweise beträchtlichen Niederschlägen. Der 23. war wieder heiter, am Vormittag des 24. hatte die Nordschweiz Föhnlage, nachmittags und am 25. fielen wieder reichliche Regen- und in den Bergen Schneemengen. Nach neuer Aufheiterung am 26., die am folgenden Tag zu starker Temperaturzunahme an den Bergstationen führte, kam es in der Nacht zum 28. und am Vormittag dieses Tages beim Vorübergang von Böenlinien zu Niederschlägen, bei starker Abkühlung in der Höhe. Der 29. war wieder heiter, der 30. unter dem Einfluss einer nördlich gelegenen Depression stark bewölkt und windig. Eine rasch entstandene flache Mittelmeerdepression wurde für die Witterung des Monatsendes bestimmend, sie brachte am 31. starke Niederschläge, besonders im Tessin und am Genfersee, und kräftige Abkühlung zunächst in den tieferen Lagen des Landes, wo das Tagesmittel der Temperatur bis 5° unter normal sank.

Im September lag das Monatsmittel der Temperatur im ganzen nahe dem normalen. Der Osten des Landes erscheint um einige Zehntel Grad zu warm, fast das ganze übrige Gebiet etwas zu kalt, am meisten — um etwa $^3/_4$° — der Süden und Südosten und die Höhenlagen des Jura. Auch die Bewölkung war im Mittel etwa normal, ein grösseres Defizit, um $^1/_4$ bis $^1/_5$ des langjährigen Durchschnittes, weisen Bern, Genf, Lugano und Rigi auf. Die Niederschlagsmengen sind fast durchweg zu gering, bis zu 40 %, ausgefallen, eine kleine positive Abweichung hatte der Westen des Landes, eine stärkere von +57 % weist Chur auf, was auf einen starken Regenfall in der Nacht vom 23. auf den 24. mit zirka 60 $^{m}/_{m}$ Niederschlag in 12 Stunden zurückzuführen ist. Die gemessene Sonnenscheindauer überstieg überall etwas die durchschnittliche.

Die am Schluss des vorhergehenden Monats über dem Mittelmeer entstandene Depression zog rasch nordostwärts quer über den Kontinent und brachte dabei unserem Land nach den starken Niederschlägen am 31. August auch in den ersten Septembertagen noch Regen und Schnee, und ausserdem starken Rückgang der Temperatur. Am 1. September lag das Tagesmittel der Temperatur nördlich der Alpen um etwa 5°, auf den Bergen um 6°, unter normal. Auch nach dem Vorübergang dieser Depression blieb zunächst flacherer Druck östlich und südlich von uns für die Witterung bestimmend, es herrschte bis etwa zum 6. wechselnde Bewölkung mit zeitweisen Niederschlägen. Dann brachte das Vordringen hohen Druckes von Westen her in den Kontinent hinein eine Periode vorwiegend heiteren und warmen Wetters, die bis zur Monatsmitte anhielt und positive Abweichungen der Tagesmittel bis 5° vom langjährigen Durchschnitt bewirkte. In der anschliessenden Dekade bestimmten wieder die ozeanischen Depressionen die Witterung des Landes, es herrschte veränderliches, kühles Wetter mit Niederschlägen, die zwischen 19. und 21. Schneefall bis gegen 1600 m hinab brachten und am 23. besonders ergiebig waren. Der Wärmeausfall betrug in dieser Zeit in den Tagesmitteln 3° nördlich der Alpen, 6—7° auf den Höhenstationen. Am 25. gewann dann wieder höherer Druck die Herrschaft über dem Kontinent und verschaffte uns für das Ende des Monats noch einige schöne und warme Tage. Am 30., dem wärmsten Tag dieser letzten Woche, überstiegen die Tagesmittel der Temperatur die normalen Werte in der Ebene um 4°, auf den Bergen um 7—8°.

Der Oktober gehört zu den wärmsten, die in unserm Land seit Beginn regelmässiger meteorologischer Aufzeichnungen vorgekommen sind. Für einzelne Stationen im Mittelland und Jura war er überhaupt der wärmste seit ihrem Bestehen (1864), bei andern (Basel, Zürich) wird er nur vom Oktober 1921 eben übertroffen. Etwas weniger extrem war der Monat für den Süden und Südosten, die Abweichungen vom normalen Monatsdurchschnitt betrugen hier $1^1/_2$—2°, in den übrigen Landesteilen 2° bis über 3°. Gleichzeitig ist die Sonnenscheindauer an den meisten Stationen zu niedrig gewesen, etwa $^3/_4$ der normalen, und die Bewölkung etwas zu hoch; die Niederschlagsmengen lagen, ausgenommen im Süden und der Zentralschweiz, über dem langjährigen Durchschnitt, im Mittelland und Jura teilweise sogar um das anderthalbfache. Wie sich hieraus schon ergibt, ist der Wärmeüberschuss des Monats weniger auf die Sonnenstrahlung, als auf die Zufuhr warmer Luft, der vorherrschenden Druckverteilung zufolge, zurückzuführen.

Die Hochdrucklage, die uns Ende September schönes, warmes Wetter gebracht hatte, erfuhr in den ersten Oktobertagen wieder eine Rückbildung unter dem Einfluss einer kräftigen atlantischen Depression und flacher Minima, die sich danach im Innern des Kontinents und südlich der Alpen ausbildeten. Schon am 2. setzte allgemeine Bewölkung ein mit nachfolgenden Niederschlägen und Abkühlung, wobei am 4. Schnee bis auf 1000 m herunter fiel. Es folgten dann im Norden Europas weitere kräftige Depressionen in raschem Zuge, die unsere Witterung bis zur Mitte des Monats beeinflussten. Am 9. kam unser Gebiet, nachdem sich ein starkes Druckgefälle zwischen dem tiefen Druck im Norden und hohem über Spanien ausgebildet hatte, in den Bereich lebhafter Südwestströmung, was uns zunächst wechselnde Bewölkung und kräftige Erwärmung, am 11. und 12. infolge Föhnwirkung stärkere Aufheiterung brachte. Nach dem Vorübergang einer neuen Depression, durch die wir schon am 13. wieder starke Trübung, beträchtliche Niederschläge und Abkühlung bekommen hatten, vermochte sich von Westen her rasch vordringender Hochdruck einige Tage über dem Kontinent zu halten, wodurch die Schweiz zwischen 15. und 18. ruhiges, morgens nebliges, tagsüber aber heiteres, im Tagesmittel kühles Wetter erhielt. Die Verlagerung der Antizyklone nach Süden und Südosten liess uns dann weiterhin, bis gegen Ende des Monats, wieder stärker unter den Einfluss der atlantischen Depressionen geraten. Vom 19. bis 21. hatte die Nordseite der Alpen zunächst noch, unter Föhnwirkung, zwar bewölktes, aber vorwiegend trockenes Wetter, dann herrschte, bis zum 29., unbeständiges Wetter mit öfteren Niederschlägen, die am 22. und 25. am reichlichsten ausfielen. Die ganze Periode vom 19. bis zum Ende des Monats zeichnet sich durch sehr hohe Temperaturen aus, infolge Zufuhr warmer Luft und zeitweiser Föhnwirkung; am 25., dem wärmsten Tage, lagen die Mittelwerte bis 12°, auf den Bergen 7—9°, über dem Normalen! Am 29. kam es schliesslich wieder zu einer Verstärkung des Luftdruckes über dem Kontinent, dementsprechend hatten an den beiden letzten Tagen des Monats die Höhen und Alpentäler wolkenlosen Himmel, das Mittelland war zeitweise vom Nebelmeer überdeckt.

Die Mitteltemperatur des November lag im Mittelland und Jura nahe der normalen, im Alpengebiet und im Süden etwas darüber (um 1—$1^1/_2$°), auf den Höhen um etwa den gleichen Betrag darunter. Die mittlere Bewölkung war fast überall grösser, als dem langjährigen Durchschnitt entspricht, am grössten war die Abweichung im Bergland. Die Niederschläge sind durchweg recht bedeutend ausgefallen, der Westen und der Nordwesten des Landes erhielten das 2—$2^1/_3$-fache der normalen Novemberbeträge, die übrigen Landesteile etwa das $1^1/_2$-fache, das Maximum der Abweichung weist der Rigi auf, wo die dreifache Menge gemessen worden ist. Die registrierte Sonnenscheindauer war im allgemeinen unter normal, sie betrug durchschnittlich etwa $^3/_4$ des langjährigen Mittelwertes.

Der hohe Druck, der uns am Ende des vorausgegangenen Monats ruhige, im Mittelland neblige, in der Höhe heitere und warme Witterung gebracht hatte, erfuhr gleich zu Anfang November wieder eine Abschwächung; schon am

Abend des 2. fielen überall, ausser im Süden der Alpen, leichte Niederschläge. Eine tiefe atlantische Depression gewann dann stärkeren Einfluss: in der Zentral- und Nordostschweiz kam es am 4. zu weiteren Regenfällen, und die Temperaturen, die bisher erheblich über normal gelegen hatten, gingen, besonders in der Höhe, zurück. Auch in den folgenden Tagen gab es, beim Vorübergang von Teildepressionen im Norden und im Mittelmeergebiet, reichliche Niederschläge, von denen auch das Tessin in erheblichem Masse betroffen wurde. Die kalte Luftströmung auf der Rückseite dieser Wirbel verursachte weiteren starken Temperaturrückgang am 8. und 9., wo die Tagesmittel in den Niederungen um etwa $3^1/_2{}^0$, in der Höhe bis 7^0 unter den normalen Werten lagen. Infolge davon kam es am 8. auch im Mittelland zu Schneefall. Vom 10. an verstärkte sich der Luftdruck über dem Kontinent, es gab für ein paar Tage ruhiges, im Tiefland nebliges, in der Höhe heiteres und warmes Wetter, bis uns dann am Abend des 14. wieder die Böenlinie und das Regengebiet einer atlantischen, nördlich vorüberziehenden Depression erreichte. Vor einem rasch nachfolgenden zweiten Minimum kam es am 15. zur Aufheiterung, doch setzten schon nachts neue Niederschläge ein, verbunden mit Erwärmung, die die Tagesmittel der Temperatur auf den Bergen um 3—4°, in den Niederungen um etwa 6^0 über die normalen Werte ansteigen liess. Veränderlich blieb die Witterung auch in den nächsten Tagen, kalte Luftströmungen auf der Rückseite der Wirbel führten vom 18. an wieder zu starkem Sinken der Temperatur (Tagesmittel in der Höhe bis 8^0 unter Normal). Zwischen 21. und 23. hatten wir bei strengerem Froste vorwiegend heiteren Himmel; am 24. setzte mit der Ausbildung einer Depression über dem westlichen Mittelmeer wieder Trübung bei uns ein mit Schnee und Regen, die am 25. besonders im Westen des Landes, am 26. auch im Süden, in sehr reichlichem Masse fielen. Mit der Verlagerung dieser Depression nordostwärts quer durch Frankreich hindurch trat ausserdem Erwärmung ein, die sich an den Bergstationen bereits am 26., im Tiefland ein bis zwei Tage später und hier schwächer bemerkbar machte. Vorwiegend trübe waren auch die letzten Tage des Monats mit zeitweisem Niederschlag, wovon besonders das Tessin wieder grössere Mengen erhielt.

Für den Dezember ist vor allem der Reichtum an Niederschlägen, und speziell an Schnee, in der zweiten Monatshälfte charakteristisch. Die Monatssummen des Niederschlages haben die durchschnittlichen im Mittelland um das $1^1/_2$—$2^1/_2$-fache, in den höheren Lagen um das 3—4-fache übertroffen, und fast alle Stationen verzeichneten zwei- bis dreimal so viele Tage mit Schneefall, als für den Dezember normal ist. Die Folge davon war die Ausbildung einer beträchtlichen Schneedecke (Säntis $3^1/_2$ m), eine weitere Folge die Auslösung zahlreicher Lawinen im Alpengebiet. Das Monatsmittel der Temperatur lag in den Niederungen etwas über dem Durchschnitt, in den höheren Teilen des Landes findet man dagegen negative Abweichungen, die auf den Gipfeln recht bedeutend gewesen sind. Die registrierte Sonnenscheindauer betrug nur $^1/_2$—$^3/_4$ der mittleren. Für den Südfuss der Alpen ist dagegen der Dezember heller und trockener gewesen als normal.

Unter dem Einfluss einer Mittelmeerdepression waren die ersten Monatstage trübe mit zeitweisen Niederschlägen, die am 3. auf den Bergen reichlicher ausfielen. Mit einer neuen Depression, die vom Nordwesten her in den Kontinent hinein zog, kam weiterer Schnee und Regen. Darnach herrschte, zwischen 6. und 8., wieder ruhiges, trockenes, und besonders in der Höhe heiteres Wetter. Einer kurzen Störung um den 9. folgte dann eine mehrtägige Hochdruckperiode mit Nebel über den Niederungen und heiterem, relativ warmem Wetter auf den Bergen. Mit dem 15. begann sich eine Druckverteilung auszubilden, die im wesentlichen bis Ende des Monats bestehen blieb: im Westen des Kontinents hoher Druck, im Osten ein Gebiet niedrigen Druckes mit in rascher Folge südwärts ziehenden Depressionen. Diese Verteilung bedingte für Mitteleuropa stets erneute Zufuhr kalter Luft aus dem Norden, während dem Westen durch die Antizyklone für die Jahreszeit ungewöhnlich warme Luft vermittelt wurde. Es bildeten sich so sehr starke Temperaturunterschiede zwischen West- und Osteuropa aus (zirka $+10^0$ und -15^0), unser Land lag in der Uebergangszone beider Gebiete. Vom 15. an bis Monatsende hatten die Schweizer Stationen täglich Schnee oder Regen zu verzeichnen, anfangs noch in geringerem Masse, schon am 19. aber im Osten des Landes und im Alpengebiet mit grossen Beträgen, zugleich auch mit starkem Temperaturrückgang. In der Nacht zum 23. verursachte eine Depression stärkeres Vordringen der warmen Westluft und damit vorübergehende Erwärmung und wieder reichliche Niederschläge. Nach stärkerer Aufheiterung am 25. gab es vom 26. an von neuem sehr starke Regen- und Schneefälle. Dabei lagen die Temperaturen zwischen 26. und 28. über, die letzten drei Tage des Monats wieder, in der Höhe besonders stark, unter normal.

Zusammenfassung: Der Winter war im ganzen milde und trübe, besonders gilt dies für den Februar, der zudem auch sehr niederschlagsreich ausfiel. Im Frühling kam der Vegetation besonders das warme sonnige Wetter der zweiten Märzhälfte zugute, auch der April und das erste Maidrittel waren ihr günstig. Einigen Rückschlag brachte dann der extrem kalte Juni; der übrige Sommer ist als heiter, trocken und warm zu bezeichnen. Im Herbst trat besonders der Oktober als sehr warm, dabei aber trübe und regnerisch hervor. Reich an Niederschlägen und trübe waren auch die beiden letzten Monate des Jahres, speziell war die zweite Dezemberhälfte ausserordentlich schneereich.

Monatswerte der wichtigsten meteorologischen Elemente 1923.

	Höhe m	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	Jahr
		Temperatur.												
Basel	277	1.6	5.2	6.5	9.4	13.3	13.2	21.2	18.7	14.4	12.4	4.2	1.7	10.2
La Chaux-de-Fonds	987	-2.8	1.0	2.1	5.6	9.3	9.2	17.5	15.2	10.9	9.1	1.3	-1.9	6.4
Zürich	493	0.1	3.7	5.2	8.3	12.8	12.4	19.8	17.8	13.7	11.2	3.8	0.5	9.1
Bern	572	-1.0	2.5	4.6	8.1	12.0	12.4	20.1	17.9	13.2	10.3	3.0	0.2	8.6
Genf	405	1.1	4.1	6.3	9.3	13.4	14.5	21.7	20.0	14.8	11.9	4.7	2.4	10.4
Davos	1561	-7.2	-3.2	-1.7	2.5	7.7	6.8	14.3	12.9	7.6	5.3	-0.8	-6.1	3.2
Säntis	2500	-10.3	-8.0	-6.5	-4.1	0.2	-1.0	7.4	6.3	2.9	0.5	-6.0	-10.3	-2.4
Lugano	276	2.4	4.1	8.2	10.1	16.0	17.1	22.7	22.0	16.3	13.1	7.2	3.2	11.9
		Abweichungen von den normalen Mitteln.												
Basel	277	1.8	3.2	1.4	0.0	0.0	-3.8	2.3	0.8	-0.1	3.1	-0.5	0.8	0.8
La Chaux-de-Fonds	987	-0.2	2.1	0.9	0.2	-0.2	-4.0	2.2	0.8	-0.8	2.6	-0.6	-0.4	0.3
Zürich	493	1.4	2.9	1.2	-0.4	0.0	-4.0	1.6	0.6	-0.3	2.6	0.1	0.7	0.5
Bern	572	1.2	2.4	1.4	0.0	-0.1	-3.2	2.2	1.2	-0.5	2.5	0.1	1.4	0.7
Genf	405	1.1	2.0	1.4	0.0	0.2	-2.4	2.4	1.7	-0.3	2.4	-0.3	1.2	0.8
Davos	1561	0.0	1.7	0.8	0.3	0.9	-3.5	2.2	1.6	-0.7	1.8	0.6	-0.3	0.5
Säntis	2500	-1.3	1.0	2.1	0.3	1.1	-3.6	2.4	1.7	0.1	2.0	-1.2	-3.3	0.1
Lugano	276	1.0	0.7	1.3	-1.2	0.9	-1.9	1.3	1.5	-0.7	1.6	1.0	0.7	0.6
		Niederschlag (mm).												
Basel	277	40	84	49	71	144	36	25	61	71	160	142	83	966
La Chaux-de-Fonds	987	61	172	118	92	195	94	46	98	83	240	211	311	1721
Zürich	493	42	80	40	86	94	87	72	64	73	133	117	147	1035
Bern	572	35	91	37	61	154	65	57	82	77	215	152	125	1151
Genf	405	21	92	53	113	135	34	72	85	85	168	184	146	1188
Davos	1561	60	64	13	57	81	85	74	106	90	89	57	190	966
Säntis	2500	755	495	143	203	175	453	180	216	195	244	220	448	3727
Lugano	276	0	62	28	236	250	159	140	91	169	179	180	25	1519
		Abweichungen von den normalen Mitteln.												
Basel	277	2	42	-2	7	65	-66	-61	-24	-6	84	81	31	153
La Chaux-de-Fonds	987	-52	83	19	-27	75	-27	-78	-25	-26	107	107	197	353
Zürich	493	-11	24	-33	-5	-16	-47	-57	-68	-32	39	48	74	-84
Bern	572	-11	39	-25	-11	67	-43	-47	-24	-6	126	84	62	211
Genf	405	-22	44	-6	49	59	-44	-3	-9	7	62	106	84	327
Davos	1561	11	11	-44	-1	16	-23	-55	-28	-4	23	-3	127	30
Säntis	2500	600	328	-35	-16	-30	173	-124	-69	-17	59	79	271	1219
Lugano	276	-57	4	-81	79	78	-33	-24	-100	-12	-31	51	-52	-178
		Monatssummen der **Sonnenscheindauer** in Stunden.												
Basel*)	277	48	46	95	159	227	177	300	282	209	110	63	28	1744
La Chaux-de-Fonds	987	42	45	107	136	187	145	259	271	188	99	60	31	1570
Zürich	493	29	49	99	153	235	159	301	282	192	102	57	24	1682
Bern	572	55	51	95	139	224	181	292	289	200	108	50	29	1713
Genf	405	75	49	126	180	258	272	333	324	230	104	53	47	2051
Davos	1561	62	79	172	134	222	123	252	248	162	108	95	49	1706
Säntis	2500	70	56	167	104	169	57	168	215	134	82	87	71	1380
Lugano	276	126	96	195	114	214	150	291	283	213	121	88	109	2000
		Abweichungen von den normalen Mitteln.												
Basel*)	277	-10	-43	-23	16	47	-25	71	64	52	0	-1	-25	123
Zürich	493	-6	-36	-22	-24	-12	-71	11	39	24	-3	11	-6	-95
Bern	572	-4	-43	-35	-19	22	-38	32	45	22	-12	-12	-12	-54
Genf	405	28	-38	-6	10	51	50	62	70	48	-16	-11	12	260
Davos	1561	-40	-30	23	-24	47	-53	42	39	-10	-25	-7	-42	-80
Säntis	2500	-52	-62	33	-33	17	-90	2	35	-25	-56	-50	-52	-333
Lugano	276	-1	-51	14	-69	0	-94	-1	10	12	-26	-16	-8	-230

*) Basel hat einen neuen Heliographen, der empfindlicher ist als die übrigen Instrumente.

Nr. 2.

Ergebnisse der Niederschlagsmessungen auf den meteorol. Stationen I.–III. Ordnung im Jahre 1923.

Die Aenderungen im Netze der Meteorologischen und Regenmesstationen finden sich in der Einleitung pag. III dieses Bandes angegeben. — Die beigegebene Karte orientiert über den gegenwärtigen Stand des Netzes der meteorologischen und Regenmess-Stationen.

Monats- und Jahressummen

der Niederschlagsmessungen sämtlicher meteorol. Stationen I.—III. Ordnung

im Jahre 1923.

Bei Zählung der Niederschlagstage sind in dieser Tabelle nur die Tage mit mindestens 1,0 mm berücksichtigt worden.

Die mit * bezeichneten Summen sind nach den Nachbarstationen interpoliert.

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
A. Rheingebiet																	
I. Quellgebiet bis Bodensee.																	
Sedrun (Tavetsch)	ca 1401	76	56	23	83	190	60	36	129	118	120	117	257	1265	50	31. VIII.	141
Platta (Medels)	1378	56	32	18	97	217	51	43	181	138	155	163	191	1342	110	31. VIII.	137
Surrhein	ca 892	69	68	12	93	159	38	31	173	115	145	191	268	1362	108	31. VIII.	137
Panix	ca 1300	93	98	22	87	128	71	61	133	115	133	150	280	1371	48	31. XI.	143
Vrin	ca 1454	43	23	6	101	179	88	60	145	152	173	166	180	1316	71	31. IX.	130
Vals	ca 1248	56	21	9	68	146	41	48	138	140	158	159	148	1132	63	23. IX.	121
Ilanz	ca 704	53	49	19	58	112	54	36	101	125	140	156	225	1128	65	23. IX.	130
Flims	ca 1102	100	93	23	76	114	84	47	126	130	131	132	311	1367	61	23. IX.	142
Safienplatz	ca 1270	60	34	13	22	129	96	40	134	151	163	120	189	1151	51	13. X.	135
Bernhardin-Pass	2073	23	20	35	337	442	70	128	280	243	664	469	93 ?	2804	187	31. VIII.	128
Hinterrhein	ca 1624	54	24	24	174	261	57	84	180	198	549	313	140	2058	115	13. X.	151
Splügen (Dorf)	1467	46	22	24	123	241	46	96	200	169	263	200	135	1565	110	31. VIII.	137
Avers-Cresta	ca 1949	73	22	21	120*	156	71	88	102	?	284	127	?	—	—	—	—
Andeer	ca 980	40*	21	10*	69	148	49	83	116	138	153	136	141	1104	63	23. IX.	—
Thusis	ca 711	24	20	7	61	128	48	47	116	125	142	114	122	954	64	23. IX.	118
Stalla (Bivio)	ca 1780	79	36	19	125	156	97	67	101	122	169	39	161	1171	45	23. IX.	128
Inner-Ferrera	ca 1480	—	—	—	—	—	—	—	142	161	239	204	136	—	—	—	—
Savognin	ca 1213	48	27	10	72	119	61	82	67	102	134	107	156	985	53	23. IX.	123
Davos-Platz	1560	60	64	13	57	81	85	74	106	90	89	57	190	966	39	23. IX.	147
Davos (Schatzalp)	1868	64	69	9	60	71	106	77	124	77	92	57	208	1014	42	24. VIII.	126
Albula (Hospiz)	ca 2315	—	—	—	—	—	—	—	69	91	119	71	64	—	—	—	—
Latsch	ca 1580	?	?	?	70	?	94	78	92	117	?	88	122 ?	—	—	—	—
Filisur	ca 1040	34	33	7	66	96	59	43	91	91	125	84	160	889	51	23. IX.	116
Lenzerheide	ca 1477	58	26	10	62	112	78	50	112	141	121	115	169	889	65	23 IX.	115
Nisellas (Alvaschein)	ca 890	28	15	6	57	97	50	59	103	99	131	99	140	884	39	23. IX.	103
Tomils	ca 823	29	31	7	56	100	45	56	100	128	113	94	184	943	67	23. IX.	118
Reichenau	604	40*	40	7	49	113	59	51	103	133	130	100	180*	1005*	64	23. IX.	113
Arosa	1854	58	83	4	109	134	112	94	130	138	140	120	222	1344	63	23. IX.	125
Tschiertschen	ca 1220	69	51	18	58	113	76	57	129	128	130	109	161	1099	64	23. IX.	127
Langwies	ca 1377	91	65	12	86	90	93	79	115	109	118	97	229	1184	56	23. IX.	133
Chur	610	36	40	8	41	109	49	40	88	132	121	81	176	921	62	23. IX.	107
Klosters	ca 1207	98	99	16	97	111	125	72	111	107	137	98	198	1269	43	23. IX.	145
St. Antönien	ca 1460	99	116	30	91	104	149	108	139	123	132	95	242	1428	45	23. IX.	149
Schiers	ca 660	65	70	18	58	88	64	70	99	134	143	84	209	1102	56	13. X.	136
Seewis	954	92	89	25	78	94	100	75	132	126	160	90	292	1353	62	13. X.	143
Plantahof b. Landquart	ca 530	60	75	18	68	98	77	57	111	121	145	100	245	1175	71	13. X.	129
Vättis	951	84	77	13	48	109	95	76	117	134	121	106	234	1192	59	{23. IX. 13. X.	146
Valens	ca 920	170	80	31	91	105	142	74	150	124	155	135	425 ?	1682	59	26. XII.	153
Ragaz	517	74	75	24	106	133	126	88	120	119	147	122	173	1307	109	13. X.	140
Sargans	507	108	75	27	78	94	113	100	112	119	136	113	221	1296	75	13. X.	153
Sevelen	464	48	47	17	53	83	89	93	106	84	131	107	138	996	66	13. X.	142
Haag	448	55	70	21	66	101	184	130	151	116	189	119	154	1356	76	13. X.	150
Altstätten	449	88	96	26	75	77	175	87	93	82	155	124	176	1254	38	13. X.	145
Heiden	ca 797	111	99	34	117	108	245	107	86	94	146	132	160	1439	34	13. X.	166

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Bodensee bis Basel.																	
Rorschach	455	66	73	25	87	85	174	66	60	75	103	138	115	1067	36	7. XI.	146
St. Gallen	703	108	93	39	95	96	185	78	95	81	102	130	163	1264	39	7. XI.	150
Arbon	ca 409	47	64	19	67	68	129	47	79	55	87	113	102	877	37	7. XI.	138
Amriswil	ca 455	44	65	22	64	55	78	42	36	52	73	98	90	719	26	7. XI.	136
Altnau	ca 458	61	68	24	59	71	88	62	42	53	92	99	125	844	26	7. XI.	132
Kreuzlingen	420	49	65	26	61	68	79	47	35	56	101	97	111	795	26	7. XI	125
Haidenhaus	694	44	59	32	61	90	96	41	37	72	159	102	105	898	32	13. X.	140
Steckborn	ca 400	42	57	31	57	62	84	48	19	60	128	87	97	772	27	13. X.	128
Eschenz	ca 417	43	55	40	49	79	80	31	21	57	132	100	101	788	26	13. X.	122
Diessenhofen	ca 410	41	55	39	47	80	58	36	26	65	159	100	93	799	38	21. X.	127
Lohn	633	37	58	48	42	59	49	41	35	64	165	100	104	802	36	13. X.	143
Schaffhausen	448	47	62	61	63	70	60	33	26	63	174	117	110	886	39	26. XII.	141
Rheinau	ca 361	29	52	41	42	56	51	20	24	62	126	99	74	676	30	13. X.	120
Wil (bei Rafz)	ca 410	43	70	42	47	63	51	30	31	69	162	112	125	845	34	22. X.	120
Kaiserstuhl	ca 342	44	92	45	50	70	52	53	38	64	159	124	145	936	35	13. X.	137
Schleitheim	ca 490	34	63	48	43	59	41	22	34	78	173	122	109	826	40	13. X.	117
Unter-Hallau	450	44	60	38	36	59	46	27	24	65	163	119	107	788	43	13. X.	119
Wilchingen	ca 472	51	74	41	39	63	51	27	23	73	177	127	117	863	41	22. X.	127
Laufenburg	ca 325	78	153		—		—	—	—	84	211	162	169	—	48	13. X.	–
Wittnau	ca 415	61	110	65	76	116	53	29	45	74	183	141	144	1097	47	13. X.	138
Möhlin	ca 332	77	122	70	74	153	59	25	65	79	211	148	141	1224	53	13. X.	150
Wintersingen	444	74	117	73	87	164	67	26	63	82	202	154	128	1237	50	13. X.	146
Rheinfelden	280	83	118	73	72	161	59	29	73	83	217	145	125	1238	52	13. X.	154
Kilchberg	ca 582	60	97	70	83	125	56	28	43	80	203	135	121	1101	48	13. X.	144
Böckten	ca 385	59	95	70	67	144	52	24	50	78	192	134	120	1085	48	13. X.	138
Eptingen	ca 571	62	117	78	82	151	53	36	53	95	224	167	141	1259	51	13. X.	149
Diegten	ca 500	53	99	65	70	146	57	29	49	84	194	136	126	1108	50	13. X.	141
Bennwil	ca 526	64	109	80	64	146	60	31	53	92	195	159	154	1207	46	13. X.	145
Waldenburg	ca 533	51	118	81	79	165	65	34	53	88	212	160	146	1252	47	13. X.	149
Lampenberg	ca 404	52	91	53	62	105	52	30	45	84	169	143	123	1069	45	29 V.	143
Reigoldswil	ca 497	56	118	69	82	184	61	31	60	91	221	147	154	1274	52	13. X.	147
Liestal	325	57	108	66	68	176	56	24	61	83	213	154	126	1192	61	13. X.	140
Arisdorf	ca 430	68	95	57	66	174	74	28	67	78	215	153	110	1185	56	13. X.	140
Basel-Augst	ca 275	59	94	59	66	139	44	23	62	72	191	129	83	1021	54	13. X.	142
Choindez	465	52	110	66	75	189	63	27	45	65	195	172	145	1204	50	13. X.	146
Mervelier	ca 560	64	100	57	65	211	72	29	56	68	217	163	156	1258	45	13. X.	149
Bellelay	ca 930	72	130	83	78	182	84	26	85	81	215	191	268	1495	48	13. X. 26. XII.	165
Delémont	ca 435	46	92	48	55	169	46	18	58	58	179	114	134	1017	46	13. X.	137
Seewen	ca 551	53	100	51	74	189	57	34	57	75	200	143	99	1142	54	13. X.	149
Grellingen	ca 328	58	97	49	65	174	56	33	49	87	212	164	112	1156	54	13. X.	148
Pfeffingen	ca 394	57	80	41	59	118	57	21	46	95	202	127	97	1020	56	13. X.	133
Neue Welt	ca 267	48	82	53	58	149	27	17	62	62	173	146	87	964	47	13. X.	136
Therwil	ca 310	40	73	45	58	139	46	19	65	80	184	134	87	970	50	13. X.	139
Binningen	ca 286	40	67	51	57	138	39	25	48	69	175	150	93	952	57	13. X.	135
Basel	277	40	84	49	71	144	36	25	61	71	160	142	83	966	44	13. X.	135
III. Thur.																	
Wildhaus	ca 1115	101	59	42	114	96	204	162	182	65	164	118	156	1362	43	25. VI. 28. XII.	154
Starkenbach	ca 894	208	178	83	116	141	300	43	189	122	193	145	200*	1918	50	15. VIII.	166
Ebnat	649	84	120	76	103	136	249	162	168	116	150	154	247	1765	55	26. XII.	157
Ricken	ca 790	110	136	54	100	139	259	123	162	112	154	145	237	1731	43	26. XII.	165
Lichtensteig	ca 617	95	125	76	79	115	184	113	100	93	109	150*	200*	1439	?	?	167
Peterzell	ca 705	93	96	52	92	123	197	108	113	83	127	145	209	1438	38	26. XII.	170
Nollen	ca 740	50	68	34	65	80	134	55	51	74	77	123	102	913	34	7. XI.	142
Flawil	ca 616	82	78	57	78	93	165	82	92	77	85	132	140	1162	41	25. VI.	156
Degersheim	ca 814	89	72	50	96	126	203	108	99	75	110	131	177	1336	45	25. VI.	164

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Herisau	ca 777	117	67	52	87	99	172	86	88	66	105	133	132	1204	43	7. XI.	156
Säntis	2500	755	495	143	203	175	453	180	216	195	244	220	448	3727	116	15. I.	190
Urnäsch	ca 887	157	121	65	107	143	239	155	145	94	150	171	232	1779	52	15. VIII.	119
Befang	870	113	89	59	105	123	207	126	142	92	130	148	200	1535	47	15. VIII.	162
Appenzell	ca 781	108	85	54	88	102	206	128	122	86	137	142	264	1522	46	15. VIII	168
Schwäbrig	1152	151	113	57	106	100	217	114	136	90	156	120	225	1585	48	25. VI.	165
Teufen	ca 853	119	77	43	114	113	197	122	120	94	129	138	160	1426	40	15. VIII.	159
Bischofszell	ca 502	68	72	33	81	86	133	63	53	57	86	160	136	1028	27	7. XI.	153
Sulgen	ca 483	47	59	25	58	75	112	59	44	61	78	108	98	824	30	7. XI.	136
Weinfelden	ca 446	48	56	22	55	68	90	55	41	62	92	103	93	785	26	7. XI.	126
Raperswilen	ca 590	54	61	35	56	61	118	53	33	61	130	102	113	877	24	13. X.	130
Müllheim	ca 415	60	76	38	58	79	130	55	38	78	135	110	144	1001	28	7. XI.	146
Dussnang	ca 595	88	117	39	76	103	170	85	73	97	108	145	201	1302	40	25. VI.	159
Eschlikon	ca 562	88	106	40*	65*	90	124	73	51	88	106	135	157	1123	33	26. XII.	153
Wängi	ca 430	48	70	25	50	69	74	73	47	83	96	121	109	865	29	31. VII.	141
Aadorf	ca 538	62	86	43	63	82	100	73	58	92	126	133	135	1053	36	31. VII.	145
Affeltrangen	ca 495	52	76	24	69	74	103	57	45	73	92	111	104	880	27	31. VII.	137
Thundorf	ca 560	67	68	37	64	72	100	61	37	78	128	120	132	964	28	31. VII. 22. X.	148
Frauenfeld	425	45	57	34	57	74	88	56	37	71	125	102	90	836	27	13. X.	139
Kalchrain	ca 585	48	57	36	69	80	109	43	45	63	124	104	93	871	27	13. X.	132
Nieder-Neunforn	ca 446	32	52	50	54	69	90	34	30	56	115	95	67	744	28	13. X.	125
Andelfingen	370	40	58	40	55	70	81	31	31	56	121	100	92	775	31	22. X.	134
IV. Töss.																	
Bauma	ca 643	99	126	41	108	93	209	87	99	80	151	147	161	1401	48	26. XII.	158
Sternenberg	ca 880	83	93	44	90	97	176	80	70	92	127	132	150	1234	33	4. VI.	163
Kollbrunn	ca 495	77	98	39	90	86	119	72	50	95	135	133	184	1178	33	26. XII.	155
Fehraltorf	ca 536	61	90	41	82	99	128	96	63	68	120	109	130	1087	37	31. VII.	135
Winterthur	445	65	89	44	67	79	131	60	50	82	143	120	157	1087	33	13. X. 26. XII.	153
V. Glatt.																	
Hinwil	ca 569	78	99	42	99	117	151	111	98	74	129	122	160	1280	32	31. VII.	158
Grüningen	ca 488	65	80	46	75	106	132	87	82	71	108	123	143	1118	36	31. VII.	149
Pfäffikon	ca 550	71	101	37	86	102	131	90	76	68	125	117	152	1156	34	31. VII.	153
Uster	ca 466	52	99	51	69	95	119	76	70	74	114	133	183	1135	41	26. XII.	147
Oerlikon	450	41	76	39	72	74	68	64	39	67	138	108	127	913	31	13. X.	138
Niederhasli	ca. 425	44	69	37	44	75	57	51	53	64	127	115	136	872	32	21. X.	135
Hochfelden	ca 401	44	88	34	50	74	57	46	38	60	137	122	145	895	?	?. XII.	125
VI. Limmat.																	
Weisstannen	ca 1006	73	105	43	82	141	135	109	153	122	155	121	279	1518	63	13. X.	160
Walenstadt	ca 430	97	94	35	60	89	150	92	143	93	133	105	248	1339	38	26. XII.	169
Obstalden	ca 690	88	83	32	85	124	195	129	183	93	137	113	270	1532	48	15. VIII.	162
Auen (Linthal)	821	96	127	27	117	149	147	114	199	106	143	121	381	1727	66	26. XII.	168
Braunwald ob Linthal	1190	126	165	55	116	143	159	148	201	141	177	139	480	2050	70	26. XII.	169
Elm	958	99	131	32	103	147	120	104	204	117	158	139	314	1667	55	13. X.	167
Glarus	477	79	105	36	76	117	135	125	154	93	126	103	252	1401	43	27. XII.	150
Klönthal	ca 838	122	130	46	96	153	209	146	194	127	148	119	235	1725	42	15. VIII.	177
Weesen	ca 430	102	88	30	99	152	237	106	167	92	151	120	250	1594	43	15. VIII.	158
Oberkirch (b. Uznach)	ca 468	88	107	39	103	135	212	110	148	99	137	131	215	1524	49	17. VII.	161
Vorder-Wäggithal	ca 740	112	127	70	112	187	288	155	201	127	160	121	239	1899	31	15. VIII.	171
Lachen	ca 410	61	75	50	96	138	225	123	107	69	105	133	156	1338	45	25. VI.	152
Wald (Sanatorium)	910	119	121	68	115	119	209	136	129	91	145	147	215	1614	40	26. XII.	173
Rapperswil	ca 412	57	78	50	77	111	149	353	108	68	115	113	129	1408	36	17. VII.	148
Horgen	ca 445	58	121	59	75	113	126	67	73	81	136	146	163	1218	34	26. XII.	145
Thalwil	ca 425	55	99	51	65	104	118	63	94	70	119	132	139	1109	43	22. VIII.	123
Männedorf	ca 415	50	58	47	58	93	116	85	81	55	95	114	120	972	31	31. VII.	139

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Pfannenstiel . . .	ca 853	71	82	52	102	122	126	84	89	79	127	121	172	1227	34	31. VII.	160
Küsnacht (Zürich) .	ca 427	48	86	52	64	98	106	69	67	70	127	137	146	1070	45	26. XII.	148
Zollikon (Anst. f. Epil.)	ca 460	41	85	44	70	100	90	69	56	67	130	108	155	1015	44	26. XII.	146
Zürich (Meteor. Z.-A.)	493	42	80	40	86	94	87	72	64	73	133	117	147	1035	35	31. VII.	142
Oberiberg	1090	117	122	69	126	165	252	138	199	142	136	158	304	1928	52	26. XII.	176
Euthal	ca 895	106	97	50	101	155	260	123	173	112	136	142	265	1720	63	15. VIII.	164
Willerzell	ca 892	99	82	65	104	134	257	139	148	99	146	153	224	1650	71	15. VIII.	169
Einsiedeln	914	103	102	68	111	147	259	137	188	129	149	160	234	1787	98	15. VIII.	180
Schönenberg (Waldhalde)	ca 700	85	115	72	120	160	191	148	166	84	153	189	202	1685	58	15. VIII.	169
Sihlwald	493	71	120	57	110	115	134	71	97	69	134	145	156	1279	33	31. VII. / 22. VIII.	153
Dietikon	ca 392	65	100	42	65	89	83	49	51	60	143	110	173	1030	52	26. XII.	144
Boppelsen	ca 525	57	96	39	71	78	82	36	65	57	144	132	117	974	40	26. XII.	139
Baden	385	54	103	52	62	63	64	31	46	56	152	125	183	991	36	26. XII.	150

VII. Reuss.

Andermatt (Dorf) .	1446	110	84	21	118	220	83	50	141	112	154	141	303	1537	64	31. VIII.	170
Altkirch (Kaserne) .	ca 1450	140	104	24	138	311	130	73	186	167	186	135	345	1939	86	31. VIII.	164
Göschenen	1107	103	93	17	121	209	70	56	137	103	127	145	245	1426	52	31. VIII.	160
Färnigen b. Wasen .	1460	156	189?	58	65	134	104	87	145	94	117	128	463?	1740	79	27. XII.	172
Gurtnellen	742	65	84	19	79	141	58	56	125	79	98	122	208	1134	49	31. VIII.	143
Lungenstutz b. Amsteg	ca 1097	117	115	47	144?	151	164	100*	152	108	108	108	248	1562?	50*	31. VIII.	150
Unterschächen . . .	ca 1015	73	126	83	111	152	145	122	210	123	132	129	216	1622	79	15. VIII.	162
Altdorf	456	70	84	21	84	132	103	104	182	91	95	101	185	1252	57	15. VIII.	144
Isenthal	ca 778	90	99	40	98	137	170	133	147	94	91	113	209	1421	38	28. XII.	159
Bisisthal	ca 950	156	143	49	190?	169	217	141	198	113	148	137	307	1968?	61	14. IV.	173
Rickenbach b. Schwyz	ca 590	101	107	53	130	158	235	114	179	119	133	162	300*	1791	61	15. VIII.	158
Sattel	ca 832	112	134	57	109	161	263	116	193	121	120	153	222	1761	80	15. VIII.	157
Gersau	442	—	—	—	—	—	176	67	96	80	102	136	102	—	—	—	—
Weggis	450	81	61	46	97	154	210	105	138	72	108	135	98	1305	71	15. VIII.	148
Rigi-Kulm	1787	150	142	87	162	216	294	145	224	132	164	217	305	2238	95	15. VIII.	161
Küsnacht (Schwyz)	ca 440	72	70	63	101	148	179	99	125	89	104	141	114	1305	56	15. VIII.	165
Engelberg	1018	124	103	54	109	177	148	142	132	98	118	148	216	1569	47	7. XI.	170
Stans	ca 456	56	81	46	101	156	172	103	100	93	119	128	129	1284	44	15. VIII.	156
Lungern	ca 726	99	117	48	69	157	150	145	66	109	132	138	188	1418	43	29. V.	157
Sarnen	487	48	70	24	63	119	99	101	72	69	91	88	125	969	30	15. VIII.	135
Pilatus-Kulm . . .	2068	355	262	107	246	137	209	91	118	122	86	140	285	2158	70	15. VIII.	179
Luzern	453	59	71	47	108	132	146	75	84	88	87	142	86	1125	37	15. VIII.	162
Flühli	ca 893	141	101	49	101	161	197	89	105	98	145	195	227	1610	52	28. XII.	160
Entlebuch	ca 722	77	82	58	98	152	135	68	99	92	102	151	185	1300	49	29. V.	155
Buchsteg (Eigental) .	ca 1050	100	91	63	147	184	269	99	172	153	150	216	172	1816	113	15. VIII.	169
Hauptsee	ca 729	93	114	63	106	180	284	121	173	118	143	181	220	1796	81	15. VIII.	164
Unter-Aegeri . . .	ca 735	95	109	78	103	176	216	110	117	119	141	174	198	1636	47	15. VIII.	159
Lorzetobel	ca 550	80	101	59	103	148	158	114	127	81	136	160	124	1391	45	15. VIII. / 7. XI.	162
Walchwil	426	80	77	60	108	160	212	98	166	87	119	137	116	1420	102	15. VIII.	158
Zug	ca 429	67	78	58	85	140	148	93	112	69	124	149	111	1234	41	15. VIII.	149
Hausen a. Albis . .	ca 603	76	79	50	106	122	135	69	81	109	120	144	124	1215	46	12. IX.	158
Mettmenstetten . .	ca 483	46	63	34	89	101	92	63	43	68	100	106	92	897	28	31. VII.	144

VIII. Aare.

Guttannen	1055	141	119	23	128	226	149	86	135	129	153	184	342	1815	78	7. XI.	156
Gadmen	1207	100*	100*	47	113	180	161	115	120	112	148	138	315	1649*	66	26. XII.	164*
Meiringen	605	81	97	38	73	165	122	114	99	77	122	100	227	1315	41	29. V.	161
Brienz	ca 575	78	95	29	83	192	121	121	86	78	114	134	217	1348	49	29. V.	149
Eigergletscher . .	2323	158	181	54	195	248	174	132	145	110	177	171	430?	2175	?	?. XII.	173
Grindelwald . . .	1050	83	80	25	117	168	103	68	98	79	115	88	223	1247	50	29. V.	152
Lauterbrunnen . . .	ca 810	81	71	16	83	131	87	60	77	62	107	99	212	1086	47	29. V.	136
Interlaken	592	82	79	26	78	162	121	95	77	67	119	130	227	1239	47	22. XII.	148

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Beatenberg	1148	110	105	39	115	159	147	104	100	84	166	130	252	1511	51	29. V.	167
Kandersteg	ca 1170	74	79	33	78	131	89	107	83	67	93	81	153†	1068	46	29. V.	155
Adelboden	ca 1365	74	83	35	108	133	114	129	90	60	116	106	213	1261	48	29. V.	165
Frutigen	ca 820	72	77	29	67	122	111	68	119	70	128	112	203	1178	50	15. VIII.	148
Kienthal	ca 970	109	79	30	101	168	126	109	73	66	115	133	199	1308	49	29. V.	152
Lenk	ca 1071	63	77	44	63	113	97	76	92	84	113	99	243	1164	37	{29. V. 22. XII.	149
Zweisimmen	ca 960	55	102	52	59	118	93	78	141	90	172	130	295	1385	58	15. VIII.	146
Boltigen	ca 830	82	80	46	39	117	100	67	105	78	172	145	255	1286	42	26. XII.	145
Wimmis	ca 640	77	115	39	105	129	114	75	83	78	144	122	231	1312	44	22. XII.	150
Heiligenschwendi	ca 1125	92	96	48	107	164	126	66	81	73	108	108	167	1236	35	15. VIII.	154
Thun	565	61	61	19	75	115	80	55	58	47	100	114	103	888	34	29. V.	144
Schwarzenegg	ca 910	78	86	37	103	131	136	95	70	59	116	124	131	1166	40	29. V.	157
Grosshöchstetten	ca 750	69	85	51	92	154	78	82	70	66	160	131	139	1177	45	31. VII.	155
Belp	ca 525	37	92	43	72	149	78	92	56	72	157	158	165	1171	63	31. VII.	152
Bern	572	35	91	37	61	154	65	57	82	77	215	152	125	1151	47	22. X.	144
Lauenen	ca 1200	57	101	47	56	125	99	57	112	87	145	108	251	1245	42	29. V.	151
Gsteig bei Saanen	ca 1180	52	108	59	103	136	103	84	112	94	141	134	227	1353	41	28. XII.	158
Château-d'Oex	ca 961	60*	104	42	50	125	120*	68	112	100	191	175	236	1383	44	?. X.	158*
Jaun	ca 1030	113	129	78	73	165	151	70	144	104	241	199	310	1777	49	28. XII.	166
La Valsainte	ca 1032	96	114	68	70	229	144	78	129	138	262	223	270	1821	53	28. XII.	160
Marsens	727	38*	90	40	53	157	61	44	79	108	239	200	158	1267	57	13. X.	138*
La Roche	770	75	89	51	59	171	81	45	81	90	203	164	156	1265	47	13. X.	144
Romont	ca 764	37	107	58	69	173	68	53	83	82	232	197	175	1334	57	13. X.	141
Freiburg	ca 650	29	80	43	63	160	50	74	66	74	207	180	102	1128	54	13. X.	141
Gauglera	ca 925	80	90	49	56	207	83	76	83	100	225	197	109	1355	54	22. X.	165
Schwarzenburg	ca 800	51	95	50	57	200	67	71	92	80	208	216	150	1337	53	7. XI.	150
Aarberg	ca 465	36	107	63	54	144	45	38	57	89	234	166	144	1177	50	13. X.	130
Palézieux	ca 633	46	158	51	101	193	70	94	102	127	304	277	157	1680	67	13. X.	140
Moudon	ca 515	28	88	54	73	149	68	48	86	79	260	208	152	1293	66	13. X.	128
Payerne	ca 445	22	83	46	75	135	56	42	65	66	215	178	124	1107	57	13. X.	125
Murten	ca 460	31	101	49	59	164	47	40	54	89	203	152	104	1093	51	22. X.	136
La Cure	ca 1165	59	168	92	95	200	86	92	119	131	357	251	243	1893	69	21. X.	161
Le Sentier	ca 1024	51	173	89	67	197	79	59	119	112	318	231	306	1801	55	21. X.	162
Vallorbe-Reposoir	930	51	164	106	115	179	88	41	96	90	287	228	237	1682	66	21. X.	165
Valleyres-sous-Rances	505	19	111	59	66	136	35	22	59	64	184	172	201	1128	45	13. X.	119
Montchérand	565	18	93	86	65	138	42	23	63	63	194	165	206	1156	48	21. X.	126
Baulmes	ca 634	37	153	102	75	176	88	17	96	89	240	214	299	1586	70	13. X.	144
L'Auberson	ca 1128	56	144	84	83	166	85	25	87	98	235	186	250	1499	42	21. X.	170
Romainmôtier	ca 676	26	107	90	74	160	52	26	74	73	209	194	276	1361	50	13. X.	140
Corcelles	ca 560	19	82	56	63	138	33	26	62	58	192	157	157	1043	60	13. X.	122
Yverdon	ca 440	15	82	72	90	159	58	37	59	54	165	137	209	1137	53	13. X.	133
St-Sulpice	ca 760	64	177	111	81	195	75	31	95	108	258	215	351	1761	58	21. X.	164
Couvet	ca 750	42	117	86	64	183	78	23	76	95	210	187	277	1438	48	21. X.	155
Boudry	ca 450	16	105	81	55	178	51	15	65	69	208	177	226	1286	52	13. X.	129
Chambrelien	ca 743	32	130	91	71	211	61	21	78	77	225	205	248	1450	69	13. X.	136
La Brévine	1077	59	151	81	94	166	88	32	93	100	218	204	288	1574	50	21. X.	174
Les Ponts	1020	107†	203†	80	88	220	67	22	95	93	245	229	270	1719	71	13. X.	175
Dombresson	740	56	116	70	98	149	87	15	69	75	168	161	196	1260	34	21. X.	158
Fontainemelon	ca 870	74	154	92	75	190	87	21	106	106	276	231	313	1725	74	13. X.	166
Valangin	ca 655	35	105	75	59	157	47	15	68	78	192	163	222	1216	42	21. X.	131
Serrières	ca 470	16	76	50	56	145	26	20	56	64	176	149	123	957	39	13. X.	118
Neuchâtel	488	30	100	63	60	150	29	23	60	83	201	164	175	1138	42	13. X.	131
Chaumont	1127	39	119	72	77	159	67	35	59	123	210	152	168	1280	55	13. X.	148
Biel	ca 440	45	124	85	43	144	41	33	44	96	236	193	233	1317	49	13. X.	137
Evilard	ca 700	46	157	100	54	138	53	40	54	106	270	199	249	1466	47	13. X.	151
Mont-Soleil	ca 1250	66	127	88	87	222	83	31	98	96	245	188	245	1576	55	13. X.	167
Courtelary	699	56	106	84	64	175	66	14	82	79	192	165	159	1242	44	{13. X. 22. XII.	144
Weissenstein	ca 1283	52	160	124	64	170	71	42	55	59	320	186	182	1485	52	24. X.	152
Solothurn	470	62	141	87	61	165	41	39	52	111	302	175	235	1471	50	21. X.	141

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Herbetswil	ca 526	70	123	78	72	175	75	32	57	93	298	177	205	1457	57	13. X.	159
Balsthal	503	49	125	64	52	142	72	30	57	76	238	151	151	1207	51	13. X.	145
Langenbruck	706	76	131	82	81	135	66	31	51	75	240	146	192	1306	40	13. X.	150
Eggiwil	ca 820	85	87	69	103	150	117	92	82	72	131	142	177	1307	35	7. XI.	154
Marbach	ca 875	97	112	45	127	184	162	120	93	104	145	178	214	1581	40	29. V. / 28. XII.	170
Escholzmatt	ca 853	152	100	54	117	177	141	113	127	83	135	219	220	1638	46	?. XI.	165
Langnau i. E.	ca 685	73	89	48	86	175	87	104	61	81	170	140	176	1290	43	29. V. / 31. VII.	152
Wasen i. E.	ca 755	79	106	52	102	167	117	66	85	88	186	201	146	1395	48	7. XI.	157
Affoltern i. E.	795	69	107	58	96	144	96	60	72	80	206	163	149	1300	52	13. X.	157
Burgdorf	ca 535	46	102	46	75	134	55	54	68	78	217	149	122	1146	44	13. X.	144
Nieder-Gerlafingen	ca 454	52	100	69	68	138	44	30	54	96	253	140	154	1198	51	21. X.	138
Herzogenbuchsee	ca 475	57	123	56	79	133	49	33	61	93	244	134	156	1218	55	21. X.	150
St. Urban	ca 452	61	125	66	56	137	52	41	48	84	219	148	197	1234	43	21. X.	145
Luthern	ca 778	67	126	65	121	171	155	77	80	94	200	186	214	1556	47	31. VII.	164
Zofingen	ca 436	57	117	51	62	144	56	28	63	81	216	135	182	1192	42	21. X.	140
Allerheiligen	ca 900	87	106	90	92	137	84	39	53	88	263	160	197	1396	52	13. X.	155
Olten	ca 400	64	122	64	85	126	66	29	51	80	227	141	172	1227	49	21. X.	154
Burg	ca 625	78	128	49	93	115	102	77	65	74	173	153	212	1319	41	31. VII.	153
Kölliken	ca 431	52	131	58	75	136	56	36	51	63	213	135	162	1168	39	13. X.	136
Münster	ca 656	77	97	33	86	104	95	79	72	67	229	135	171	1245	38	31. VII.	149
Unter-Kulm	ca 470	62	89	52	66	123	54	45	67	56	164	116	155	1049	30	13. X.	154
Aarau	406	57	113	54	73	122	61	28	63	66	196	133	126	1092	39	21. X.	143
Hitzkirch	ca 520	54	89	38	69	103	98	89	65	63	134	130	155	1087	49	31. VII.	143
Muri	483	72	114	48	81	98	90	71	81	65	152	137	170	1179	40	31. VII.	149
Bötzberg	ca 500	52	106	51	59	84	48	32	45	62	179	124	140	982	40	13. X.	134
Schöfflisdorf	ca 476	48	103	52	61	81	63	35	50	55	153	125	177	1003	40	13. XII.	131
Böttstein	360	34	131	50	67	87	35	37	35	78	185	146	172	1057	42	13. X.	134

B. Rhonegebiet.

I. Rhone und Genfersee.

Furka (Galenhütten)	ca 2406	107	112	89	111	189*	78	42	101	114	192	234	590	1959	70	29. V.	137
Oberwald	ca 1370	106	83	25*	101	288	76	32	101	104	146	148	377	1587	96	29. V.	125
Reckingen	1349	47	66	22	90	184	58	41	83	78	85	96	237	1087	55	29. V.	129
Fiesch	ca 1080	29	51	26	76	181	27	41	51	51	85	72	176	866	64	29. V.	108
Binn	1456	28	39	16	109	256	26	58	77	74	94	96	136	1009	77	29. V.	111
Saas-Fée	1800	15	33	12	67	162	51	24	54	57	79	87	129	770	69	29. V.	105
Zermatt	1613	15	34	10	47	99	25	15	47	17	70	61	150	590	37	29. V.	94
Visp	648	29	48	16	44	99	18	28	34	23	60	52	199	650	57	29. V.	83
Grächen	1629	16	40	12	33	87	24	45	40	20	52	55	130*	554	32	29. V.	98
Kippel	ca 1376	49	74	36	42	110	34	37	52	45	109	80	213	881	50	29. V.	122
Leukerbad	1415	63	99	36	40	117	79	62	70	68	152	112	260	1158	71	28. XII.	126
Varen bei Leuk	ca 750	21	47	20	21	71	24	30	32	31	93	65	147	602	42	29. V.	100
Siders	551	18	47	18	28	73	19	28	34	28	93	61	198	645	41	29. V.	98
Zinal	ca 1678	12	49	15	37	80	44	46	67	29	49	60	134	622	30	29. V.	108
Hérémence	ca 1240	17	51	16	32	83	45	34	49	36	85	76	159	683	38	29. V.	104
Sion	540	15	53	19	17	72	18	29	43	30	101	68	187	652	43	29. V.	87
Bagnes (Châble)	ca 836	22	65	15	39	92	25	33	55	50	93	99	204	792	54	24. XII.	101
St. Bernhard (neuer Regenmesser)	2475	136	253	116	177	196	116	41	134	108*	204	271	273	2025	38	28. XI.	163
St. Bernhard (alter Regenmesser)		71	167	74	117	137	63	37	111	97	169	199	171	1413	32	26. XII.	154
Bourg St-Pierre	ca 1633	35	46	26	34	117	32	35	67	49	101	84	181	807	67	29. V.	106
Orsières	ca 890	32	62	18	48	120	40	36	94	24	93	108	196	871	51	29. V.	114
Martigny-Ville	ca 480	26	86	28	15	86	39	41	66	63	123	109	201	883	52	22. X.	109
Marécottes	1090	41	114	56	31	96	55	56	82	92	171	163	294	1251	53	22. X.	122
Dailly	ca 1253	53	71	45	71	127	80	80	99	83	125	156?	151	1141	50?	7. XI.	141
Savatan	679	50	56	20	31	65	58	36	41	69	107	75	116	724	48*	23. IX.	118

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Gryon	ca 1130	44	107	34	40*	137	71	55	72	80	150	121	310	1221	?	?	?
Leysin	1450	54	99	38	44	124	89	43	152	86	188	131	197	1245	45	22. X.	129
Diablerets-village	ca 1168	41	113	45	67	163	109	70	139	92	192	154	291	1486	50	22. X.	120
Vouvry (Porte du Scex)	ca 383	41	112	38	48	129	75	40	128	85	186	184	237	1303	60	15. VIII.	129
Clarens	376	42	87	29	52	145	65	64	98	71	164	156	143	1116	46	22. X.	121
Lausanne	553	41	109	55	63	149	59	38	101	89	262	182	126	1274	72	13. X.	123
Cossonay	ca 575	19	87	60	59	154	39	32	87	64	218	158	128	1105	61	13. X.	118
Morges	380	29	112	61	72	128	57	52	103	79	229	179	151	1252	46	13. X.	121
Longirod	ca 900	27	137	73	93	148	66	61	91	85	234	195	176	1386	51	13. X.	141
St. Cergue	ca 1050	30	184	114?	99	192	61	47	—	—	—	—	—	—	—	—	—
Gingins	ca 546	25	165	86	77	145	49	66	88	74	248	220	260	1503	44	25. XI.	125
Nyon	ca 405	20	106	71	84	130	43	46	76	81	239	176	188	1260	58	13. X.	115
Céligny	ca 435	27	124	73	97	147	52	49	95	89	265	198	219	1435	55	13. X.	123
Collex	ca 440	18	115	72	82	144	34	61	82	81	241	184	204	1318	54	13. X.	136
Chambésy	ca 400	17	107	58	95	143	40	43	81	86	204	179	192	1245	55	13. X.	123
Genf	405	21	92	53	113	135	34	72	85	85	168	184	146	1188	49	13. X.	106
Châtelaine	430	10	91	57	89	137	34	75	83	85	182	190	167	1200	53	13. X.	116
Hermance	ca 380	21	87	52	98	146	45	60*	96	95	220	175	180	1275	57	13. X.	114
Jussy	ca 475	22	94	53	88	164	38	37	98	91	187	191	119	1182	61	13. X.	110
Veyrier	ca 425	17	83	56	108	139	40	62	90	93	171	188	113	1160	50	23. IX. / 13. X.	110
Compésières	ca 476	20	87	56	99	143	40	33	100	94	180	191	127	1170	52	13. X.	122
Satigny	ca 460	19	136	82	74	125	28	62	154	74	250	179	195	1378	95	21. VIII.	126
Athenaz	ca 430	21	104	67	68	131	37	35	88	83	240	186	170	1230	48	13. X.	118

II. Doubs.

Les Brenets	878	65	157	103	95	225	92	65	92	135	263	197	32	1521	47	22. XII.	188
La Chaux-de-Fonds	986	61	172	118	92	195	94	46	98	83	240	211	311	1721	43	28. XII.	171
La Ferrière	1020	56	126	72	76	207	72	40	93	85	235	170	206	1438	49	21. X.	156
Saignelégier	ca 985	54	108	75	65	165	81	39	89	61	191	146	199	1273	39	21. X.	157
Mormont	ca 550	50	141	98	63	182	76	36	89	91	204	186	182	1398	45	13. X.	161

C. Pogebiet.

I. Tessin.

Gotthard	2103	155	42	42	224	336	93	58	201	244	517	341	261	2514	121	31. VIII.	141
Airolo	1143	4	18	11	168	345	13	41	170	188	465	277	180	1880	96	31. VIII.	105
Faido	759	2	3	12	155	214	15	71	266	176	422	297	111	1744	180	31. VIII.	93
Olivone	ca 893	0	0	26	160	243	25	80	201	185	291	219	75	1505	93	13. X.	91*
Comprovasco	544	2	4	14	151	211	21	103	172	185	262	219	76	1420	108	31. VIII.	93
Biasca	ca 300	0	0	21	181	266	24	80	229	198	362	324	48	1733	121	31. VIII.	99*
Braggio	ca 1332	17	13	15	175	258	80	165	175	158	269	218	69	1612	85	31. VIII.	114
Misox	ca 785	7	0	*20?	241	202	46	97	147	145	424	305	131	1765	82	28. XI.	103*
Grono	ca 335	10	8	14	135	199	68	101	131	150	176	202	32	1226	68	31. VIII.	94
Bellinzona	237	0	15	17	179	302	72	126	143	191	198	244	36	1523	83	23. IX.	96
Mezzana	ca 335	4	15	3	297	182	120	162	74	146	200*	228	29	1460	61	28. VII.	96*
Monte Generoso	1610	—	—	—	281	247	213	173	90	199	250	—	—	—	—	—	—
Lugano	276	0	62	28	236	250	159	140	91	169	179	180	25	1519	68	30. V.	102
Monte Brè	910	22	14	35	256	172	128	115	86	160	150	218	32	1388	?	?	92
Crana-Torricella	1010	8	9	26	266	327	205	121	83	293	448	342	40	2168	151	23. IX.	102
Ponte Tresa	ca 280	16	6	26	200*	236	138	164	91	286	465	428	36	2092	74	22. X.	101*
Simplon (Dorf)	ca 1480	15	19	15	195	255	28	8	60	107	114	—	—	—	109	29. V.	—
Brissago	ca 210	4	4	22	268	390	68	114	157	250	523	375	36	2211	145	23. IX.	86
Camedo	ca 610	7	5	25	288	435	65	63	250	298	643	416	54	2549	165	31. VIII.	94*
Mosogno	ca 790	0	19	19	224	361	67	47	246	281	342	313	48	1967	167	31. VIII.	103*
Fusio	ca 1285	2	4	17	201	379	24	63	232	180	346	266	112	1826	147	31. VIII.	97
Cevio	ca 430	0	18	16	206	350	22	88	205	167	352	280	86	1790	148	31. VIII.	96
Locarno	239	6	6	21	209	300	58	172	151	232	335	300	38	1828	99	23. IX.	99
Sonogno	ca 910	14	3	21	200*	351	41	111	255	286	660	418	90	2450	198	13. X.	108

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Adda.																	
Lago Scala	ca 2230	16	25	50	210	120	58	76	119	84	282	170	186	1396	92	21. IV.	102
Cavaglia	ca 1701	3	5	14	134	120	65	61	101	118	333	245	91	1290	57	28. XI.	94*
Le Prese (Poschiavo)	ca 960	0	10	16	168	122	97	87	99	78	259	150	70	1156	55	25. X.	92*
Brusio	ca 755	0	9	11	128	96	103	84	80	86	171	149	47	964	37	31. VIII.	95*
Vicosoprano	1087	4	10	16	155	205	92	93	189	138	319	220	40	1481	91	31. VIII.	115
Soglio	ca 1090	1	10	22	152	198	104	140	134	122	325	203	51	1462	70	13. X.	107
D. Donaugebiet.																	
Inn.																	
Sils-Maria	1814	14	17	16	72	109	62	77	99	88	198	132	93	977	50*	13. X.	116
St. Moritz	1840	20	29	24	77	101	74	74	85	82	144	113	103	926	42	13. X.	126
Pontresina	ca 1805	18	14	26	73	91	70	61	83	78	133	86	80	813	41	13. X.	119
Bevers	1713	15	22	10	65	92	56	61	103	96	132	121	106	879	41	23. IX.	117
Buffalora	ca 1977	23	28	10	108	75	67	37	89	92	145	127	156	957	47	13. X.	117
Süs	ca 1440	36	35	14	57	45	49	53	76	69	98	90	139	761	37	21. IV.	109
Scarl	ca 1810	—	—	—	—	47	41	54	83	80	109	63	—	—	—	—	—
Remüs	1237	50	28	7	39	42	38	46	78	82	98	52	155	715	41	13. X.	94
Martinsbruck	ca 1040	25	31	7	41	41	36	45	73	67	80	45	151	642	34	13. X.	92
E. Etschgebiet.																	
Sta. Maria	1410	2	11	7	70	48	47	25	77	92	109	76	51	615	42	13. X.	82

Monats- und Jahresmengen im Jahre 1923, ausgedrückt in Prozenten der Normalmengen.

Stationen	Höhe über Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr
Platta	1378	122	71	26	114	184	42	34	118	102	96	187	294	104
Bernhardin	2073	24	28	23	163	190	38	58	127	95	208	232	82	125
Splügen	1467	84	56	32	111	154	30	55	116	99	149	175	205	107
Reichenau	604	74*	66	10	64	131	56	40	79	119	124	137	265	94
Chur	610	92	98	17	79	165	62	38	84	150	155	153	338	115
Davos	1560	134	116	24	104	122	83	60	85	95	131	102	302	106
Altstätten	449	154	148	33	75	65	107	52	60	66	145	157	226	97
St. Gallen	703	190	141	44	88	72	103	47	61	60	90	173	226	94
Kreuzlingen	420	120	144	51	86	79	82	49	34	64	136	194	214	93
Lohn	633	93	149	98	68	71	51	46	36	82	204	175	196	97
Basel	277	108	216	94	108	176	34	28	71	91	195	229	160	116
Glarus	477	118	128	43	74	110	84	61	85	73	104	118	277	99
Einsiedeln	914	141	115	61	90	98	134	68	97	93	114	158	239	112
Zürich	493	86	140	54	90	82	65	55	48	66	129	165	199	90
Rigi-Kulm	1787	300	241	123	138	132	122	55	93	69	132	306	424	134
Engelberg	1018	182	137	56	90	116	69	58	55	60	77	161	243	92
Luzern	453	137	155	69	119	113	98	48	55	78	92	229	156	98
Guttannen	1055	147	113	19	96	169	102	54	79	103	103	159	314	116
Beatenberg	1148	147	130	36	97	123	83	61	59	72	138	144	268	104
Bern	572	79	186	62	87	183	63	56	78	93	226	227	212	125
Chaumont	1127	75	238	116	107	181	61	34	56	137	193	203	255	130
Neuchâtel	488	57	192	102	86	183	29	25	61	99	196	222	258	121
Affoltern i. E.	795	113	167	70	98	122	67	48	54	78	191	218	199	110
Olten	400	125	210	98	120	138	57	26	44	91	236	191	246	122
Muri	483	144	207	72	95	96	70	58	69	69	162	208	250	112
Reckingen	1349	95	88	29	101	190	70	51	99	92	60	86	263	99
St. Bernhard	2475	97	229	94	111	102	57	36	97	82	113	180	194	112
Sion	540	35	115	39	45	167	40	48	57	57	153	115	317	103
Clarens	376	78	143	38	66	137	56	52	78	72	130	205	217	101
Lausanne	553	79	210	81	88	160	62	40	96	91	226	228	185	128
Genf	405	50	204	98	174	167	45	91	94	106	149	234	260	138
Lugano	276	0	113	28	148	140	86	88	49	87	86	131	35	112
Sils-Maria	1811	31	53	29	100	125	68	68	85	77	188	176	169	102
Bevers	1713	43	86	24	116	140	65	56	94	91	150	195	230	106

Die Niederschlagsbilanz des Jahres 1923. — Ergebnisse der im Alpengebiete aufgestellten Totalisatoren. — Der Firnzuwachs in einigen Gebieten der Schweizeralpen.

Die Niederschlagsbilanz des Jahres 1923.

Das Berichtjahr brachte der Ostschweiz annähernd die normalen Niederschlagsmengen (Altstätten im Rheintal 97, St. Gallen 94, Luzern 98%); westwärts der Aare resultierte ein nicht unbeträchtlicher Ueberschuss (Bern 125, Basel 116, Lausanne 128, Genf 138%). Auch die voralpinen Gipfelstationen waren sehr niederschlagsreich (Rigi 134, Säntis 148%), während der Ueberschuss im inneren Alpengebiete kleiner war (Bevers 106, Splügen 107, Bernhardin 125, Platta 104, Gotthard 124, Guttannen 116, Reckingen 99 und St. Bernhard 111%). Auch der Südfuss der Alpen hatte ein Plus über die normalen Mengen (Lugano 112%).

Die Tabelle auf pag. 9 gibt auch für die einzelnen Monate die Prozentverhältnisse der diesjährigen zu den normalen Mengen unserer Hauptstationen. Hervorgehoben zu werden verdient die Trockenheit des März, namentlich aber diejenige der Sommermonate Juni bis August. Sehr niederschlagsreich war hingegen das letzte Quartal des Jahres, namentlich November und Dezember.

Bezüglich der Niederschlagshäufigkeit hatte der Alpennordfuss mehr Niederschlagstage als durchschnittlich im Jahr und zwar besonders die Westschweiz (Basel und Bern +30, Zürich und St. Gallen +21); der Südfuss der Alpen hatte weniger Niederschlagstage (Lugano −15).

Ergebnisse der im Alpengebiete aufgestellten Totalisatoren.

Nachstehende Tabelle gibt die Resultate der im Berichtjahr vom Amt für Wasserwirtschaft, der Meteorologischen Zentralanstalt, der Gletscherkommission der Schweiz. Naturforschenden Gesellschaft und der Gletscherkommission der Physikalischen Gesellschaft Zürich unterhaltenen Totalisatoren. Die meisten Apparate funktionierten wieder recht befriedigend. Immerhin scheint es notwendig, folgendem in künftigen Jahren Aufmerksamkeit zu schenken. Nachdem viele der Apparate bald ein Jahrzehnt im Gebrauch sind, zeigten sich an einigen nunmehr kleine Defekte; so fand Herr Prof. Mercanton an demjenigen auf Diableret den Hahn nicht mehr dicht (robinet suintant) und führt das kleine Jahresresultat darauf zurück; auch beim Apparat auf Col d'Orny vermutet er ähnliche Gründe für den etwas kleinen Jahresbetrag. Wenn auch die andern Apparate des gleichen Modells (Met. Z.-A.) bis jetzt noch keine solche Defekte aufweisen, so wird es doch nötig sein, auf diesen Punkt in den kommenden Jahren ein besonderes Augenmerk zu richten. Wahrscheinlich wegen Ausrinnen eines Teiles der Flüssigkeit zu klein ist auch das Resultat des Fluchthorntotalisators, der aber nach dem Modell der Wasserwirtschaft gebaut ist, ebenso wie derjenige auf dem Eggishorn, dessen Jahresresultat vermutlich aus dem gleichen Grunde unbrauchbar ist.

Die Resultate aller Apparate*) sind in folgender Tabelle zusammengestellt:

		1922		1923	
Diableret	(3248 m)	28. Sept.	bis	29. Sept.	> 168 ‰
Col d'Orny	(3150 m)	23. „	„	29. Okt.	> 264 „
Mattmarksee	(2120 m)	1. „	„	26. Aug.	76 „
Galmenhorn	(2850 m)	2. „	„	22. „	90 „
Rothhorn	(3237 m)	20. „	„	22. „	237 „
Fluchthorn	(3802 m)	22. „	„	21. „	163 „
Gletsch	(1770 m)	1. „	„	30. „	129 „
Nägelisgrätli	(2393 m)	1. „	„	27. „	147 „
Hühnerboden	(2700 m)	1. „	„	27. „	353 „
Ruhstein	(2780 m)	2. „	„	27. „	133 „
Scheidfluh	(2800 m)	6. „	„	21. „	198 „
Triftlimmi	(3130 m)	?			
Eggishorn	(2250 m)	Resultat unbrauchbar.			

		1922		1923	
Konkordiaplatz	(2850 m)	27. Sept.	bis	13. Dez.	138 ‰
Jungfraujoch	(3450 m)	26. „	„	15. Juli	246 „
Mönchsgrat	(3810 m)	26. „	„	14. „	346 „
Fibbia	(2740 m)	5. „	„	28. Aug.	184 „
Lago Ritom	(1960 m)	3. „	„	27. „	125 „
Skopi	(2700 m)	3. „	„	26. „	366 „
Klaridenfirn	(2710 m)	25. „	„	12. Sept.	355 „
Julierpass	(2361 m)	28. „	„	28. Aug.	79 „
Piz Scalotta	(2970 m)	27. „	„	29. „	298 „
Silvrettahütte	(2370 m)	18. Okt.	„	29. Sept.	130 „
Eckhorn	(3150 m)	18. „	„	29. „	104 „
Cluozza	(1950 m)	10. Aug.	„	29. Juli	77 „
Alp Murtèr	(2320 m)	10. „	„	29. „	88 „

*) Es existieren darüber hinaus noch weitere 12 Totalisatoren im Monte Rosagebiet (oberstes Saas- und Nicolaital), welche das Amt für Wasserwirtschaft für eine Spezialuntersuchung von Niederschlag und Abfluss in den Jahren 1920–22 aufstellen liess. Herr Ing. O. Lütschg hat in seinem Vortrag: „Ueber Niederschlag und Abfluss im Monte Rosagebiet", gehalten an der Jahresversammlung der Schweiz. Naturf. Gesellsch. in Zermatt, September 1923, und gedruckt in den „Verhandlungen der Schw. Nat. Ges.", Zermatt 1923, II. Teil, Seite 56–73, die auf die Periode vom 1. Sept. 1922 bis 31. Aug. 1923 reduzierten Jahresmengen dieser Apparate mitgeteilt. Später soll auch in diesen Berichten auf die Resultate dieser meteorologisch äusserst interessanten Versuchsanordnung (oberster Apparat in 4340 m am Monte Rosa-Sattel) zurückgekommen werden.

Nach Reduktion auf die einheitliche Periode vom 1. September 1922 bis 31. August 1923 ergeben sich als streng vergleichbare Daten, denen die entsprechenden Beobachtungen einer Anzahl unserer regulären Niederschlagsmessungen beigegeben sind:

Niederschlagsmengen im schweizerischen Alpengebiet vom 1. September 1922 bis 31. August 1923:

1090 m	Marécottes	78 mm	
1165 „	Diablerets-Village	118 „	
3248 „	Diableret	> 168 „	
540 „	Sion	55 „	(82 %)
890 „	Orsières	83 „	(110 „)
2470 „	St. Bernhard:		
	gewöhnl. Ombrom.	133 „	(104 „)
	Nipher-Ombrom.	194 „	
3150 „	Col d'Orny	> 259 „	
720 „	Visp	59 „	
1800 „	Saas-Fee	81 „	
2120 „	Mattmarksee	76 „	
2850 „	Galmenhorn	90 „	
3237 „	Rothhorn	264 „	
3802 „	Fluchthorn	184 „	
1080 „	Fiesch	90 „	(93 %)
1376 „	Kippel	82 „	(78 „)
1350 „	Reckingen	109 „	(99 „)
1370 „	Oberwald	153 „	(98 „)
1770 „	Gletsch	132 „	
2071 „	Furka	179 „	
2250 „	Eggishorn	unbrauchbar	
2393 „	Nägelisgrätli	150 „	
2700 „	Hühnerboden	359 „	
2780 „	Ruhstein	138 „	
2800 „	Scheidfluh	198 „	
3130 „	Triftlimmi	?	
1148 „	Beatenberg	141 „	(97 %)
1050 „	Grindelwald	128 „	(104 „)
1055 „	Guttannen	176 „	(111 „)
2323 „	Eigergletscher	208 „	
3480 „	Jungfraujoch	301 „	
3810 „	Mönchsgrat	411 „	
2850 „	Konkordiaplatz	118 „	
1107 „	Göschenen	142 „	(102 %)
1446 „	Andermatt (Kaserne)	144 „	
2100 „	St. Gotthard	224 „	(110 „)
2740 m	Fibbia	201 mm	
1960 „	Lago Ritom	138 „	
1143 „	Airolo	138 „	(91 %)
1378 „	Platta (Medels)	127 „	(103 %)
2700 „	Skopi	386 „	
2073 „	Bernhardin	227 „	(99 „)
893 „	Olivone	124 „	(83 „)
785 „	Mesocco	144 „	(102 „)
821 „	Auen/Linthal	165 „	(95 %)
2710 „	Klaridenfirn	374 „	
1300 „	Panix	134 „	(108 „)
1787 „	Rigi-Kulm	213 „	(125 %)
873 „	Urnäsch	182 „	(126 „)
2504 „	Säntis gewöhnl. Ombr.	445 „	(176 „)
	„ Totalisator	540 „	
1213 „	Savognin	95 „	(101 %)
1780 „	Stalla-Bivio	129 „	(99 „)
2970 „	Piz Scalotta	331 „	
1949 „	Avers-Cresta	118 „	
2360 „	Julier	97 „	
1814 „	Sils-Maria	89 „	(92 %)
1090 „	Soglio	130 „	(93 „)
1207 „	Klosters	134 „	(107 %)
1560 „	Davos-Platz	95 „	(102 „)
2370 „	Silvrettahütte	143 „	
3150 „	Eckhorn	104 „	
1440 „	Süs	65 „	(89 „)
1713 „	Bevers	83 „	(99 „)
1977 „	Buffalora	82 „	
1950 „	Cluozza Blockhaus	82 „	
2320 „	Alp Murtèr	93 „	
1237 „	Remüs	60 „	(95 %)
1040 „	Martinsbruck	58 „	(91 „)

Für die langjährigen Beobachtungsstationen sind in Klammern Prozentzahlen beigefügt; diese geben an, wie viel die Niederschlagsmengen des genannten einjährigen Zeitraumes in Prozenten der durchschnittlichen Jahresmengen ausmachen. Man ersieht daraus, dass nur Rigi und Säntisstock, also die voralpinen Gipfellagen der Nordflanke der Alpen, wesentlich mehr Niederschlag hatten als normal, der Säntis sogar recht beträchtlich (176 %!); abgesehen davon scheinen die Ueberschüsse mehr zufällig zu sein und annähernd die normalen Mengen, in gewissen Gebieten (mittleres Wallis und Unter-Engadin) sogar Defizite vorzuliegen. Das gibt Anhaltspunkte für die Beurteilung der in den Totalisatoren aufgespeicherten Mengen.

Für die äusserste Westgruppe bestätigt sich damit die von Herrn Prof. Mercanton aufgestellte Vermutung, dass sowohl auf Diableret als auf Col d'Orny ein Teil des Rezipienten ausgeronnen sein muss. Von der Mattmarkgruppe blieben Mattmarksee und Galmenhorn unter dem Durchschnitt, entsprechend dem von den mittleren Walliserstationen nachgewiesenen Defizit; Rothorn und besonders der systematisch relativ kleine Mengen aufweisende Apparat auf dem Fluchthorn haben dagegen eher grössere Jahresmengen, wie ja auch die meteorologische Station St. Bernhard, also eine Passlage des Grenzkammes, einen kleinen Ueberschuss hat. Interessant ist hier wieder die Gegenüberstellung der Summen des ungeschützten und des mit dem Niphertrichter versehenen Ombrometers: 133 mm und 194 mm; der ungeschützte Regenmesser hatte somit nur 69 % des — wie alle Totalisatoren — mit dem Niphertrichter versehenen Instrumentes gesammelt. — Von der Rhonegletschergruppe weist der nun 10 Jahre im Betrieb stehende Apparat auf der Scheidfluh eine kleinere als die durchschnittliche Jahresmenge auf; Hühnerboden hat wie üblich sehr viel, der seit 1920 ohne Niphertrichter funktionierende Apparat auf dem Nägelisgrätli wenig Niederschlag. Der im Vorjahr in neuer Position aufgestellte Apparat auf dem Konkordiaplatz bleibt bei der auffallend kleinen Menge, die nicht einmal die Hälfte des Jahresdurchschnittes des alten Apparates erreicht. Vom Jungfraujoch liegt dies Jahr wieder ein Resultat vor; die Jahresmenge entspricht ungefähr der mittleren, aus den früheren Jahrgängen ermittelten Summe. Mönchgrat kommt trotz seiner expo-

nierten Lage auf die sehr grosse Jahresmenge von 411 %. Im Gotthardgebiet ergibt die Summation der Tagesniederschläge der meteorologischen Station auf dem Pass 10% mehr als die durchschnittliche Jahressumme, Fibbia und Lago Ritom bleiben eher etwas darunter. Umgekehrt dürfte die auf dem Skopi aufgespeicherte Menge über dem Mittel sein, während der allerdings etwas entferntere Bernhardinpass ziemlich genau den Jahresdurchschnitt aufweist. In der Juliergruppe hat der Julierpass wenig, dagegen Piz Scalotta recht beträchtlich über der normalen Menge. Das Silvrettagebiet hatte — beurteilt nach dem langjährig in Funktion stehenden Apparat bei der Hütte, vom Eckhorn lag nur ein Abstich vor — eher weniger Niederschlag als durchschnittlich. Im Nationalpark hat Alp Murtèr wieder einmal die grössere Jahresmenge, während in den beiden Vorjahren Cluozza mehr hatte. Die absolute Menge scheint hier — wie auf den Unter-Engadinerstationen überhaupt — weniger grossen Schwankungen unterworfen zu sein als im übrigen Alpengebiet. Der Apparat im Sammelgebiet des Klaridenfirns zeigt eine grössere als die normale Jahressumme, während von den beiden Fusstationen Auen im Linthal und Panix im Rheintal nur die letztere einen Ueberschuss verzeichnet.

Wie schon eingangs bemerkt, zeichneten sich die Voralpengipfel der nördlichen Alpenabdachung in dem in Frage stehenden Zeitraum durch die relativ grössten Niederschläge aus. Besonders der Säntis hat mit 445 mm nicht weniger als 176% der normalen Menge gemessen, wenn man die täglichen Messungen addiert. Vergleicht man die im neben dem gewöhnlichen Ombrometer stehenden Totalisator aufgespeicherte Menge, so findet man diesmal eine verhältnismässig wenig grössere Menge, nämlich 540 mm, wenigstens wenn man bedenkt, dass das Ombrometer für die täglichen Messungen keinen Windschutz, der Totalisator aber den üblichen Niphertrichter hat. Das Verhältnis beider Zahlen ist mit 1.21 ziemlich genau dasjenige des Vorjahres (1.24). In beiden Jahren fehlte aber der Verdunstungsschutz (Vaselinöl auf der Chlorcaliumflüssigkeit); in den beiden Vorjahren (1919/20 und 1920/21), wo das übliche Vaselinöl nicht fehlte, war das Verhältnis der Mengen im geschützten Totalisator zu derjenigen im ungeschützten Ombrometer 1.49 und 1.47.

Der Firnzuwachs in einigen Gletschergebieten der Schweizeralpen.

Der 10. Jahresbericht der Gletscherkommission der Physikalischen Gesellschaft Zürich[1]) hebt das besondere Interesse hervor, das die Firnzuwachsbestimmungen im Berichtjahr beanspruchen zufolge des kalten, niederschlagsreichen Wetters des Frühsommers 1923 und der darauf folgenden langen Wärmeperiode. „Die Ablesungen an unseren Bojen sind zwar von touristischen Besuchern unserer Hauptmessgebiete nur spärlich eingegangen; sie ergeben aber in Verbindung mit unseren eigenen Feststellungen und Messungen eine hinreichende Orientierung über die dort akkumulierten und nachher durch Schmelzung abgetragenen Schneemengen.

Schon zu Anfang September waren die Höhenlagen über 2500 Meter ausgiebig eingeschneit worden und in dem äusserst kalten Monat, der viel neuen Schnee dazu brachte, nicht mehr ausgeapert. Anfangs Oktober schneiten auch die Passlagen von 2000 Meter (St. Gotthard etc.) ein. Die Zunahme der Schneehöhe war dann im kalten und niederschlagsreichen November und im Dezember eine ziemlich rasche, sodass um die Jahreswende St. Gotthard und Säntis zirka 3½, die Weissfluh zirka 2½ Meter meldeten. Für St. Gotthard war das zugleich auch das Wintermaximum, da der Alpensüdfuss im Januar sozuzagen niederschlagsfrei blieb. Auf der Nordseite ging die Akkumulation weiter, namentlich im niederschlagsreichen Februar; anfangs März erreichte der Säntis mit 5 Metern das diesjährige Maximum. Ungefähr aus derselben Zeit besitzen wir auch Schneehöhenangaben von der Weissfluh und der Silvretta; diejenige von der Weissfluh (vom 2. März) ist mit 330 % die höchste des Winters; ob sie wirklich dem Schneehöhenmaximum entspricht, ist nicht sicher, da Messungen im niederschlagsreichen und kalten Frühsommer von diesem Pegel fehlen. Es steht nur fest, dass dort am 8. Juli noch volle 2 Meter Schnee lagen zur gleichen Zeit, als der Gotthard und der Säntis, trotz zeitweisen starken Schneefällen, schneefrei wurden. Sicher aber ist, dass unsere Firnbojen auf allen Gletschern erst gegen Ende Juni die maximalen Schneehöhen erreichten, so die untere und die obere Silvrettaboje mit 310 resp. 340 % am 30. Juni und die beiden Bojen auf dem Jungfraufirn am 19. Juni (vergl. die Ablesungen am Schlusse).

So schien es noch zu Anfang Juli, als ob der Jahrgang 1922/23 den Firnmulden einen beträchtlichen Zuwachs bringen wolle. Da setzte die schöne und zeitweise sehr warme Sommerwitterung ein und mit ihr sehr starker Abtrag durch Schmelzung, der sich am besten an Hand der von den Silvrettabojen aus jener Zeit relativ häufigen Ablesungen verfolgen lässt. Gegen Ende August war bei der unteren Boje der ganze Jahreszuwachs abgetragen und selbst auf dem Passe wurde die wenige Dezimeter betragende Restschicht nur durch die Neuschneefälle zu Ende August und in der zweiten Septemberhälfte vor vollständigem Abtrag bewahrt.

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[1]) Erstattet von R. Billwiller als Beiblatt Nr. 2 zur Vierteljahrsschrift der Naturf. Ges. Zürich, 68 (1923).

Lassen wir die Meldungen der einzelnen Messgebiete rasch Revue passieren, so gilt die erwähnte Armut an Meldungen namentlich für

Klariden.			Schneehöhen am Pegel bei der Hütte	Firnzuwachs bei der unteren Boje (2768 m)
1922	September	1.	50 ‰	? ‰
	„	25.	50 „	75 „
	Oktober	4.	65 „	? „
	„	6.	100 „	? „
	„	8.	80 „	180 „
	„	10.	110 „	? „
1923	Februar	10.	300 „	? „
	Mai	20.	275 „	> 580 „
	Juni	3.	250 „	> 580 „
	September	12.	— „	150 „

Wie noch im letzten Bericht erwähnt, war im Herbst 1922 die Aufstellung einer Boje am oberen Messplatz (2900 Meter) nicht gelungen, und von der unteren Boje liegen nur zwei Ablesungen vom frühen Herbst vor, nach denen am 8. Oktober die Schneehöhe schon 180 ‰ betrug. Von da an hörten wir nichts mehr von der Boje; es scheint nach Meldungen von sehr zuverlässiger Seite festzustehen, dass sie Ende Mai/Anfang Juni noch nicht ausgeapert war. Ihre Länge über Firn hatte letzten Herbst 580 ‰ betragen; wahrscheinlich war sie aber durch den Schneedruck niedergebogen, so dass man nicht den ganzen Betrag als Schneehöhe annehmen darf. Bei der Jahresaufnahme, die von den Herren Prof. F. Tank und Ing. F. Streiff-Becker (Weesen) am 11./12. September 1923 ausgeführt wurde, war sie über der Firn-Oberfläche 53° geneigt und ragte 382 ‰ heraus. Nimmt man für das noch im Firne steckende Stück eine Neigung von 35° an, so ergibt sich ein bleibender Firnzuwachs pro 1922/23 von 155 ‰. Da aus den Silvretta-Meldungen geschlossen worden war, dass auch bei der unteren Klaridenboje der ganze Jahreszuwachs durch die Abschmelzung abgetragen sei, wurde der Bohrapparat nicht mitgenommen. An Stelle der Bohrung wurde dann an der fraglichen Stelle nach dem Ocker gegraben und derselbe auch wirklich in der von der Boje angegebenen Tiefe gefunden.

Die Feststellung der Bewegung der Boje ergab eine Firnbewegung von 8 Meter nach Südosten vom Herbst 1922 bis Herbst 1923. Die Boje wurde dann herausgezogen und an derselben Stelle frisch aufgerichtet; sie ragt jetzt 502 ‰ aus dem Firn und steht 32 Meter südöstlich des Fixpunktes. — Im Fixpunkt selber wurde eine zweite Boje aufgestellt und zwar versuchsweise eine aus Tannenholz, d. h. die Hälfte eines der Länge nach entzweigeschnittenen Tännchens, das am Stichtage 440 ‰ aus dem Schnee ragte; wir bezwecken mit der Aenderung eine weniger starke Biegung der Stangen durch den Schneedruck, als sie bei den zähen, aber biegsamen Eschenstämmchen eintritt.

Am oberen Messplatze (bei P. 2900) wurde eine 520 ‰ aus dem Firn hervorragende Boje (Eschenstange mit Fussgestell) aufgerichtet, so dass wir nun hoffen, nach zweijährigem Unterbruch nächstes Jahr auch wieder vom oberen Sammelbecken Firnzuwachsbestimmungen zu erhalten.

Der immer gut funktionierende Totalisator auf dem Geissbützistock hatte vom 24. September 1922 bis zum 12. September 1923 eine Niederschlagsmenge von 355 ‰ aufgespeichert; die entsprechende Menge der meteorologischen Station Linthal-Auen beträgt 150 ‰.

Besser sind wir dieses Jahr über die Verhältnisse von unserem zweiten Hauptmessungsgebiet orientiert:

Silvretta.			Schneehöhen am Pegel bei der Hütte	Firnzuwachs bei der unteren Boje	Firnzuwachs bei der oberen Boje
1922	Oktober	18.	20 ‰	55 ‰	60 ‰
	Dezember	5.	210 „	? „	? „
1923	März	11.	? „	? „	217 „
	April	1.	? „	305 „	270 „
	Juni	30.	200 „	310 „	340 „
	Juli	13.	? „	240 „	280 „
	„	17.	70 „	190 „	? „
	„	23.	? „	180 „	220 „
	August	9.	? „	75 „	120 „
	September	12.	? „	0 „	75 „
	„	29.	15 „	50 „	80 „

Die Messung vom 30. Juni mit 310 ‰ an der untern und 340 ‰ an der oberen Boje dürfte wohl annähernd der maximalen Schneehöhe entsprechen; dann setzte die Ablation mit Macht ein, welche vor Ende August bei der unteren Boje den ganzen Jahreszuwachs abtrug, so dass der letzten Herbst gestreute Ocker zutage trat. Das muss beinahe auch bei der höher gelegenen Boje auf dem Passe (3013 Meter) geschehen sein; denn auch nach

den starken Neuschneefällen von Ende August und der zweiten Septemberhälfte war der Pegelstand nur wenig Zentimeter höher als im Herbste 1922. Auf diese Meldung hin konnte der Bohrapparat bei der Jahresaufnahme die der Berichterstatter mit Joh. Guler (Klosters) am 28./29. September vornahm, zu Hause gelassen werden. Ein Neuschneeschicht von zirka 50 ‰ auf dem Passe, zirka 35 ‰ bei der untern Boje und hinabreichend bis zur Hütt bestand zu diesem Zeitpunkte und die Mitnahme von Ski erwies sich bei der schlechten Schneebeschaffenhei (Bruchharst) wieder als äusserst nützlich; ja wahrscheinlich wäre ohne dieselben die Tour gar nicht möglich ge wesen. Die obere Boje ragte an diesem Tage 80 ‰ weniger hoch heraus als am 18. Oktober 1922. Davon ware 50 ‰ Neuschnee; berücksichtigt man das Sacken der vorjährigen Schicht im Laufe des Jahres 1922/23, so kan man annehmen, dass im Berichtjahr auch auf dem Silvrettapass kein bleibender Zuwachs auf den Firn kam. Das dies bei der unteren Boje natürlich erst recht nicht der Fall war, bewies die schon erwähnte Ausaperung des in Herbst 1922 gestreuten Ockers zu Ende August 1923. Beide Bojen wurden noch einmal hergerichtet; die Läng derselben über Firn betrug am 29. September 425 ‰ (Pass) und 380 ‰ (untere Boje). — Die Feststellung de Lage der Passboje ergab eine totale Verschiebung derselben von 52 Metern gegen $W_{20}N$ (magnetisch) seit Herbs 1916. Das würde eine etwas grössere Geschwindigkeit der Firnbewegung auf dem Pass bedeuten, als sie nac den Einmessungen einiger Vorjahre gefunden wurde, wobei man anführen darf, dass die Auffindung des Fix punktes hier nicht so sicher ist, namentlich bei der schlechten Witterung, welche unseren Besuchen in den Vor jahren mehrmals beschieden war. — Beide Bojen sollen nun nächstes Jahr erneuert und wieder näher den Fix punkten aufgestellt werden.

Im Totalisator auf dem Eckhorn (3150 Meter) fanden sich aus dem Zeitraum vom 18. Oktober 192 bis zum 29. September 1923 zirka 104 ‰ Niederschlag angesammelt; das Resultat wurde durch einen Abstich (Messung der Höhe des Flüssigkeitniveaus) erhalten. Trotz der kurz vorher gefallenen grösseren Schneemenge und tiefen Temperaturen war der Inhalt des Rezipienten flüssig und nur in der Mitte zeigte sich eine millimeter dicke Eisschicht. Im Totalisator bei der Hütte (zirka 2370 Meter) fanden sich aus demselben Zeitraum 130 ‰, während in Klosters unten 102 ‰ gemessen wurden.

Vom Bojenpaar auf dem Jungfraufirn unterhalb des Jungfraujoches in zirka 3350 Meter Höhe, die von Personal der Jungfraubahn besorgt werden, gingen leider einige Ablesungen vom Herbst 1922 und diejenigen sei Juli 1923 verloren. Die nachfolgenden Messungen haben gleichwohl ihren Wert, da sie eine lückenlose Ueber sicht über die dort zur Anhäufung gekommenen Schneemengen von Ende Oktober bis Ende Juli geben; für di Beurteilung der absoluten Höhe dieser Schneedecke hat man sich daran zu erinnern, dass bei Beginn der Ab lesungsserie am 1. November schon recht beträchtliche Schneefälle (Ende August, Mitte September und im Oktober vorausgegangen waren, welche den totalen Firnzuwachs grösser als angegeben machen.

Jungfraufirn. Firnzuwachs seit 1. November 1922.

Datum			obere Boje	untere Boje
1922	November	18.	90 ‰	55 ‰
	„	28.	125 „	85 „
	Dezember	12.	135 „	205 „
	„	25.	150 „	325 „
1923	Januar	10.	175 „	275 „
	„	26.	115 „	225 „
	Februar	10.	105 „	215 „
	„	26.	120 „	253 „
	März	12.	125 „	260 „
	„	26.	140 „	250 „
	April	9.	140 „	255 „
	„	19.	220 „	375 „
	Mai	7.	180 „	275 „
	„	14.	150 „	300 „
	„	31.	300 „	405 „
	Juni	19.	300 „	435 „
	„	31.	290 „	415 „

Auch aus dieser Beobachtungsreihe geht hervor, dass der Firnzuwachs dies Jahr erst gegen Ende Jun sein Maximum erreichte. Das Fehlen der Ablesungen vom Juli an erlaubt leider nicht, die Abschmelzung in dem heissen Sommer zahlenmässig zu verfolgen, was bei der grossen Höhenlage dieses Messplatzes besonderes Interesse geboten hätte.

Schliesslich sei auch noch eine Auswahl der Schneehöhenangaben der beiden Schneepegel im Weissfluh gebiete mitgeteilt. Diese Messungen, die unter dem Patronate des Skiklubs Davos bei der Parsennhütte (228

Meter) und oben an der Weissfluh (2740 Meter) entsprechend dem starken Besuche des bevorzugten Skigebietes sehr zahlreich ausgeführt werden, sind nicht wie diejenigen unterer meteorologischen Höhenstationen in den amtlichen Publikationen zu finden."

Schneehöhen im Weissfluhgebiet.

	Datum		Pegel bei der Parsennhütte	Weissfluhpegel
1922	November	5.	40 ‰	? ‰
	„	12.	60 „	140 „
	Dezember	10.	140 „	255 „
1923	Januar	2.	160 „	235 „
	„	21.	203 „	260 „
	Februar	4.	180 „	270 „
	März	5.	240 „	330 „
	„	24.	185 „	285 „
	April	8.	160 „	265 „
	„	22.	200 „	300 „
	Mai	6.	160 „	275 „
	„	13.	155 „	275 „
	Juni	3.	87 „	? „
	Juli	8.	— „	200 „
	„	29.	— „	— „

Es sollen noch angeschlossen werden die Resultate von Firnzuwachsbestimmungen in einigen andern schweizerischen Firngebieten. Herr Prof. Mercanton[1]) gibt für den Bojenort auf dem Col d'Orny (3150 Meter) für 1922/23 einen Zuwachs von 1 Meter an. Es dürfte vielleicht etwas kleiner sein, da bei der Schlussmessung vom 22. Oktober in dieser Höhe auf dem Firn mehr Schnee vom Herbst 1923 lag als angenommen (20 ‰). Auf dem Tsanfleurongletscher zeigte die Boje (2770 Meter) am 20. August einen noch 55 ‰ höheren Stand, als im Herbst 1922. Etwas davon wird bei der warmen Witterung bis zu Ende August noch abgetragen worden sein, so dass wohl hier wie bei der unteren Silvrettaboje das Jahr 1922/23 sozusagen keinen bleibenden Firnzuwachs hinterliess. — Die von Herrn J. Hess auf dem Piz d'Err-Firn aufgestellte Boje zeigte am 27. August 1923 einen Zuwachs von 145 ‰ gegenüber dem tiefsten Stand von 1922; da das genannte Datum gerade das Ende der Ablationsperiode ist, so stellen die 1½ Meter den bleibenden Firnzuwachs des Berichtjahres dar.

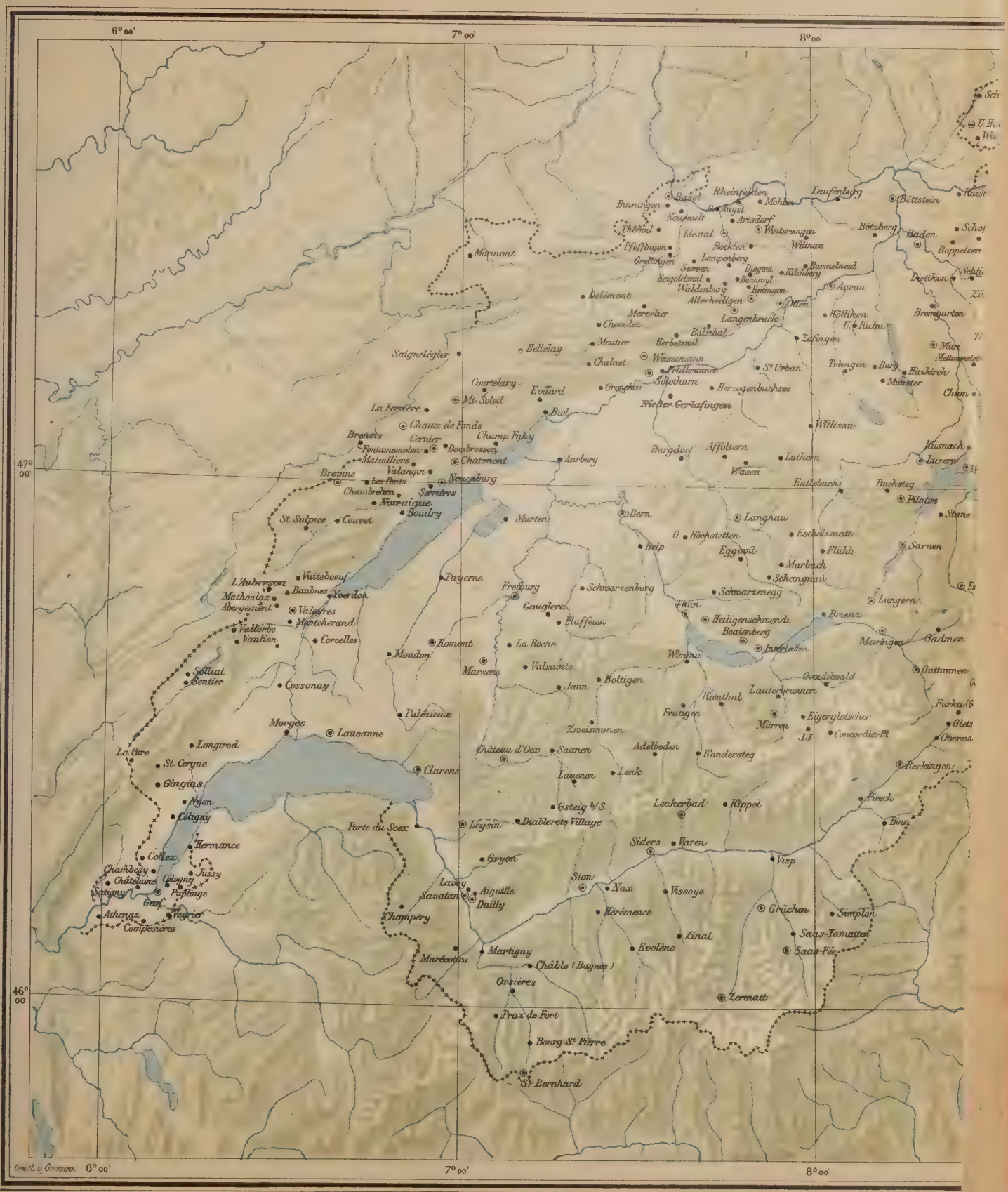
Einzelne bemerkenswerte Niederschläge. Unter diesem Titel wurden an dieser Stelle seit Jahren besonders intensive oder sonstwie bemerkenswerte Niederschläge beschrieben und deren Erklärung aus der Wetterlage heraus zu geben versucht. Der Schreibende glaubt, dass eine solche Betrachtung von Einzelfällen besonders instruktiv und auch für die Prognosenstellung besonders nützlich sein muss, seit unser Institut für jeden Tag in die Details gehende Wetterkarten nicht nur für den Morgen-, sondern auch für den Mittag- und Abendtermin anfertigt. Im letzten Bericht (1922) wurden ein paar solcher Einzelbetrachtungen durchgeführt und der Hoffnung Ausdruck gegeben, dass in Zukunft recht viele Fälle so behandelt werden könnten. Diese Hoffnung hat sich nicht erfüllt; die Zeit des Berichterstatters, der neben seinen übrigen Funktionen noch den Hauptteil am erweiterten Wetterdienst zu besorgen hatte, reichte nicht aus dazu.

Dr. R. Billwiller.

[1]) Les variations périodiques des glacières des Alpes Suisses, XXXXIV. Rapport, Jahrbuch des S. A. C. 1923.

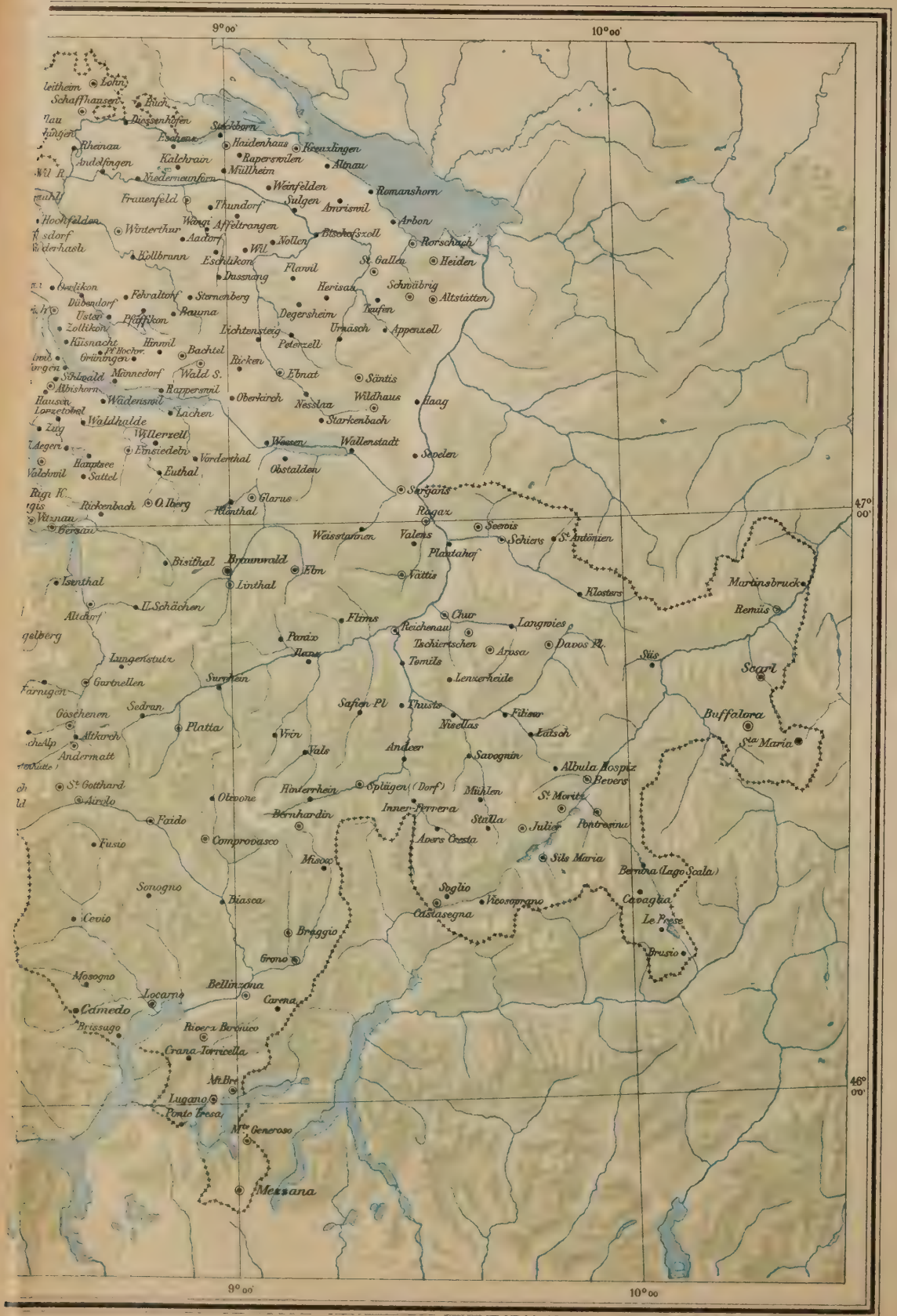
Meteorologische & Regenmess-Stationen d

◎ Meteorologische Stationen. • Regenmes



ˈer Schweiz im Jahre 1922.

ɜs-Stationen.



50 Kilom.

Luth. von E. Altorfer, Zürich I.

Nr. 3.

Gewitterbeobachtungen im Jahre 1923.

(Mit 4 Tafeln.)

Die Gewitterbeobachtungen wurden in gewohnter Weise fortgesetzt und vom unterzeichneten Bearbeiter zusammengestellt. Das nachstehende Verzeichnis gibt die Namen derjenigen Beobachter, welche sich durch Einsendung einer erheblichen Zahl von entsprechend ausgefüllten Rapportkarten, eventuell auch von schriftlichen Mitteilungen, oder wenigstens durch Eintragung einer grösseren Anzahl mit genauen Zeitangaben versehener Notizen in den Monatstabellen dienstbar gemacht haben.

1. Kanton Aargau.

Aarau — H. Amsler, Werkführer.
Böttstein — H. Erne, Lehrer.
Kölliken — R. Häny, Lehrer.
Möhlin — A. Kramis, Pfarrer.
Rheinfelden — Frau A. Hoffmann.
Zofingen — E. Ott, Postbeamter.
Zurzach — J. Eichenberger, Lehrer.

2. Kanton Appenzell.

Heiden — G. Landolf, Lehrer.
Säntis — P. Steier, Wetterwart.
Teufen — J. Tanner, Lehrer.

3. Kanton Basel.

Augst — E. Dietler.
Basel — Niethammer, Assistent; W. Mörikofer.
Bennwil — Gottlieb Heinimann.
Kilchberg — E. Buess, Landwirt.
Lampenberg — Emil Vögelin.
Langenbruck — T. Bider, Sigrist.
Liestal — H. Pfaff, Aufseher.
Pfeffingen — M. Tschudy, Lehrer.
Reigoldswil — K. Plattner, Sigrist.
Riehen — Dr. W. Strub.
Therwil — A. Stehlin, Bezirkslehrer.
Wintersingen — W. Bührer, Pfarrer.

4. Kanton Bern.

Beatenberg — R. Lindt, Pfarrer.
Bellelay — C. Winkelmann, Portier.
Bern — Tellur. Observatorium.
Büren z. Hof — Chr. Bühlmann, Notar.
Champ-Fahy — Paul Georges.
Delémont — H. Gobat, insp. scol.
La Ferrière — J. L. Herzog. pasteur.
Guttannen — H. Huber.
Herzogenbuchsee — J. Kaufmann, Lehrer.
Lauterbrunnen — Fr. Gammeter, Sek.-Lehrer.
Mervelier — Ch. Marquis.
Vasen — J. Wiedmer, Sekundarlehrer.

5. Kanton Freiburg.

Freiburg — Dr. A. Gockel, Professor.
La Valsainte — A. Churlet.

6. Kanton St. Gallen.

Altstätten — J. Haltner, Lehrer.
Degersheim — J. Roth, Weibel.
St. Gallen — J. G. Kessler, Bankbeamter.

7. Kanton Genf.

Genf — Observatorium.

8. Kanton Glarus.

Elm — W. Zentner, Stationsvorstand.
Glarus — J. Gehring, Waisenvater.

9. Kanton Graubünden.

Bernhardin — E. Albertini.
Bevers — G. Krättli.
Braggio — C. Berera, Förster.
Ste Maria — S. Tuffli, Zolleinnehmer.
Parpan — W. Mörikofer.
Platta-Medels — Th. J. Berther, Pfarrer.
Seewis — Frl. D. Fopp.

10. Kanton Luzern.

Hitzkirch — Frau Prof. Ackermann-Lang.
Luthern — J. Suppiger.
Luzern — Kap.-Kloster Wesemlin.
St. Urban — J. Schwyzer, Portier.
Weggis — Frau S. Naef.
Werthenstein — D. Ineichen.

11. Kanton Neuenburg.

La Brévine — Mme J. Matthey, part.
La Chaux-de-Fonds — E. Pellaton.
Neuchâtel — Observatorium.
Les Ponts — A. Erb, horloger.

12. Kanton Schaffhausen.

Lohn — Jak. Brühlmann.
Schaffhausen — G. Meyer, Lehrer.
Schleitheim — G. Neck, Reallehrer.
Stein a. Rh. — H. Bächtold, Reallehrer.
Unter-Hallau — H. Huber, Lehrer.
Wilchingen — E. Hablützel, Lehrer.

13. Kanton Schwyz.

Rickenbach — Prof. O. Flüeler, Sem.-Lehrer.

14. Kanton Solothurn.

Allerheiligen — Sanatorium.

15. Kanton Tessin.

Bellinzona — A. Lienhard, Postbeamter.
Mte Brè — G. Buzzi, Direktor.
Crana-Torricella — P. Petrochi, guardiano.
St. Gotthard — Frl. Lombardi.
Locarno — G. Mariani, Professor.
Lugano — G. Malatesta, Professor.

16. Kanton Thurgau.

Aadorf — Joh. Nater, Lehrer.
Bischofszell — H. Fischer, Sek.-Lehrer.
Diessenhofen — Jakob Indlekofer.
Frauenfeld — Dr. S. Dannacher, Professor.
Haidenhaus — Frau Felix.
Kreuzlingen — J. Brauchli, Sem.-Lehrer.
Steckborn — C. Pischl-Hartmann, Apotheker.

17. Kanton Unterwalden.

Engelberg — N. Kaeser, Pater.
Sarnen — P. Ch. Durrer, Professor.

18. Kanton Uri.

Altdorf — Frl. Heinrika Nager.
Andermatt — Fortverwaltung.
Isental — Ferdinand Aschwanden.

19. Kanton Waadt.

Clarens — C. Bührer, pharmacien.
Gingins — L. Bignens, forestier.
Lausanne — D. Valet, concierge.
Montcherand — M. Moreillon, insp. forest.
Payerne — P. Cruchet, professeur.

20. Kanton Wallis.

Sierre — François de Courten, curé.
Sion — Couvent des capucins.
Visp — W. Burlet, pharmacien.

21. Kanton Zürich.

Hinwil — Ed. Benz, a. Lehrer.
Horgen — E. Gattiker.
Katzensee — J. Hess.
Mettmenstetten — R. Ganz, Lehrer.
Opfikon — H. Schlittler, Lehrer.
Rheinau — Pflegeanstalt.
Uster — H. Weber-Schellenberg, Fabrikant.
Wil (Rafz) — R. Angst, Friedensrichter.
Zollikon — J. Fausch, Verwalter.
Zürich — Meteorolog. Zentralanstalt.

22. Kanton Zug.

Walchwil — F. Bachmann.

Die Summe der zur Verfügung gestandenen Notizen, nämlich 3079, wovon 2725 den Tabellen der meteorologischen und Regenmess-Stationen, 340 den Gewitter-Rapportkarten. sowie brieflichen Mitteilungen entnommen und die übrigen aus Zeitungen gewonnen wurden, verteilt sich auf die 157 Tage mit Gewittererscheinungen wie folgt:

Januar		0	April	16.	19	Mai	24.	52	Juni	25.	172	Juli	21.	2	August	22.	102	Sept.	22.	2
			„	19.	25	„	25.	4	„	26.	25	„	22.	67	„	23.	3	„	23.	4
Febr.	16.	1	„	21.	3	„	26.	1	„	27.	2	„	23.	11	„	24.	19			
„	18.	5	„	22.	5	„	27.	1	„	29.	33	„	24.	49	„	26.	2	Oktober	1.	1
			„	23.	29	„	28.	3	„	30.	2	„	25.	1	„	27.	11	„	2.	2
März	1.	14	„	24.	2	„	29.	5				„	26.	3	„	28.	1	„	3.	5
„	4.	1				„	30.	43	Juli	1.	36	„	28.	1	„	30.	2	„	4.	3
„	8.	2	Mai	2.	1	„	31.	76	„	2.	5	„	29.	18	„	31.	33	„	12.	17
„	9.	2	„	3.	89				„	3.	1	„	30.	1				„	13.	40
„	27.	1	„	4.	2	Juni	1.	3	„	5.	1	„	31.	144	Sept.	1.	12	„	14.	1
„	28.	27	„	5.	1	„	2.	61	„	7.	9				„	2.	1	„	20.	1
„	31.	6	„	7.	1	„	3.	92	„	8.	71	August	1.	4	„	3.	1	„	21.	1
			„	8.	1	„	4.	22	„	9.	88	„	2.	3	„	4.	2	„	25.	1
April	1.	12	„	9.	5	„	5.	4	„	10.	15	„	3.	85	„	11.	24	„	26.	37
„	3.	3	„	10.	16	„	7.	1	„	11.	9	„	7.	1	„	12.	75	„	27.	8
„	4.	11	„	12.	1	„	11.	3	„	12.	10	„	11.	81	„	13.	22	Nov.	7.	4
„	5.	2	„	15.	3	„	12.	2	„	13.	13	„	12.	3	„	14.	3	„	18.	1
„	6.	3	„	16.	3	„	14.	9	„	14.	43	„	14.	1	„	15.	2	„	28.	2
„	7.	5	„	17.	7	„	15.	1	„	15.	176	„	15.	267	„	16.	6	„	29.	3
„	8.	1	„	18.	2	„	16.	80	„	16.	12	„	16.	10	„	17.	16	„	30.	1
„	11.	1	„	19.	1	„	17.	8	„	17.	11	„	17.	1	„	18.	20			
„	12.	55	„	20.	3	„	18.	5	„	18.	8	„	18.	52	„	19.	18	Dez.	23.	1
„	13.	28	„	21.	34	„	19.	1	„	19.	21	„	19.	2	„	20.	26	„	28.	1
„	15.	2	„	23.	3	„	24.	9	„	20.	1	„	21.	25	„	21.	21	„	29.	1

Es entfallen somit auf die einzelnen Monate: Januar 0, Februar 6, März 53, April 206, Mai 358, Juni 535, Juli 827, August 708, September 255, Oktober 117, November 11, Dezember 12 Notizen.

Aus dem uns von der Direktion der Schweizerischen Hagelversicherungsgesellschaft gütigst übermittelten Verzeichnis der Hagelschläge, sowie aus den Notizen einzelner Beobachter ergibt sich, nach Kantonen geordnet, folgende Tabelle für die Anzahl der an den einzelnen Tagen betroffenen Gemeinden:

	April	Mai					Juni							Juli							August						September				Total
Kantone	*13.*	*3.*	*10.*	*24.*	*26.*	*31.*	*2.*	*3.*	*16.*	*17.*	*25.*	*26.*	*29.*	*8.*	*9.*	*15.*	*18.*	*19.*	*22.*	*24.*	*31.*	*3.*	*11.*	*15.*	*18.*	*22.*	*31.*	*12.*	*19.*	*20.*	*21.*	
Aargau	.	.	.	15	.	.	1	.	1	.	2	.	.	.	.	.	.	.	.	1	.	.	.	19	.	.	.	.	.	.	.	39
Appenzell	.	.	.	.	.	.	.	.	.	.	5	4	1	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	12
Basel	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	2	1	6
Bern	.	4	.	.	.	11	7	.	.	.	4	.	.	4	3	2	.	.	.	1	.	.	1	4	.	4	.	2	1	.	2	50
Freiburg	.	.	.	.	.	51	.	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	55
St. Gallen	.	.	.	.	.	.	1	.	4	.	7	5	2	.	.	.	.	2	2	.	.	2	.	2	5	.	.	.	.	.	.	32
Genf	8	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
Glarus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	2
Graubünden	.	.	.	.	.	.	.	.	.	.	1	.	1	.	2	4	.	.	.	.	.	1	1	1	.	.	.	.	.	.	.	11
Luzern	.	.	.	6	.	.	.	2	2	9	12	.	5	4	3	5	.	1	.	.	2	1	.	3	.	5	.	2	3	.	.	65
Neuenburg	.	.	.	.	.	.	.	.	.	.	2	.	.	9	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
Schaffhausen	.	2	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	5
Schwyz	.	.	.	.	.	.	1	3	3	4	.	.	.	.	.	1	.	.	.	.	.	2	.	.	.	.	.	.	1	.	.	15
Solothurn	.	.	2	.	.	1	1	.	3	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	9
Tessin	.	.	4	.	10	4	6	.	.	.	.	7	.	1	8	11	10	.	.	.	.	2	1	3	1	.	5	.	15	2	.	82
Thurgau	.	1	.	.	.	.	4	.	.	.	.	.	1	.	.	.	.	.	1	1	.	.	1	.	1	.	.	.	.	1	.	11
Unterwalden	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Uri	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1
Waadt	.	.	.	.	.	.	.	2	.	.	.	.	1	4	2	.	.	.	.	3	.	.	3	.	.	12	.	.	.	1	.	28
Wallis	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	1	.	.	.	1	.	.	4
Zürich	.	.	.	.	.	.	6	.	2	2	3	.	1	.	.	8	.	2	2	2	.	4	.	25	.	.	.	.	3	1	3	64
Zug	.	.	.	.	.	.	.	3	1	2	3	.	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
Total	8	7	6	21	10	67	29	11	17	18	39	16	12	23	13	40	10	6	5	6	7	12	10	60	8	21	5	5	24	8	6	530

Die Zahl der Tage mit erheblichem Hagelschlage beträgt 31, die Summe der betroffenen Gemeinden 530*), welche sich auf 112 Bezirke verteilen. Ganz vereinzelt traten Hagelfälle auf am:

27. Mai	Tessin 2	1. Juli	Appenzell 1, Graubünden 1	17. August	St. Gallen 1
5. Juni	Bern 1, Schaffhausen 1	7. „	Tessin 1	19. „	Zürich 2
6. „	Zürich 1	11. „	Graubünden 1, Luzern 2	23. „	Zürich 1
14. „	Thurgau 1, am 15. Juni 1	12. „	Neuenburg 2	24. „	Graubünden 1, Uri 1
18. „	Aargau 2, Genf 1	13. „	Bern 1	9. Sept.	Zürich 3, Waadt 1
23. „	Zürich 1	14. „	Graubünden 2	15. „	Tessin 1
24. „	Genf 1	17. „	Luzern 2, Tessin 2	17. „	Bern 1, Freiburg 1, Waadt 1
27. „	Tessin 2	5. August	Luzern 1	22. „	Thurgau 2, Zürich 1

zusammen in 47 Gemeinden.

*) Die Zahl der Gemeinden und Bezirke ist hier nicht absolut zu nehmen, sondern als diejenige Summe, welche erhalten wird, indem man für jeden Hagelschlag die betroffenen Gemeinden, resp. Bezirke in Rechnung zieht, so dass also ein und dieselbe Gemeinde, resp. ein und derselbe Bezirk, mehrmals darin figurieren kann.

Beschreibung der Gewitter und Hagelschläge.

In der tabellarischen Zusammenstellung sind die an jedem nennenswerten Gewittertage aufgetretenen elektrischen Erscheinungen in gedrängter Kürze angeführt. Aus Kolonne 3 ersieht man den auf Meer reduzierten Barometerstand, aus Kolonne 4 die mittlere, abgesehen von den Bergstationen, auf die Höhe des schweizerischen Mittellandes (ca. 500 m ü. M.) reduzierte Temperatur im Gewittergebiet. Beide meteorologischen Elemente beziehen sich auf den dem Gewitterausbruch nächst vorangegangenen oder unmittelbar folgenden Beobachtungstermin ($7^1/_2{}^h$, $13^1/_2{}^h$, $21^1/_2{}^h$ M.-E. Z.). Für die Zeitangaben wurde die Stundenzählung 0—24 angewendet, also 6^h = 6 Uhr morgens, 18^h = 6 Uhr abends und, wie bisher, 0^h = Mitternacht, 12^h = Mittag. Der in Kolonne 8 notierte Weg des Gewitters in Kilometer pro Stunde ergibt sich nicht aus Kolonne 5, sondern aus den Zeitangaben bei den Isobronten der kartographischen Darstellung. Kolonne 9 stellt durch die bekannten Symbole (● = Regen, ✱ = Schnee, △ = Graupeln oder Riesel, nur vereinzelte oder sehr kleine Hagelkörner. ▲ = Hagel) die Art der Niederschläge und eventuell durch beigefügten Index deren Intensität dar. Dem die geographische Angabe der Zugsrichtung abschliessenden Doppelpunkt folgen meistens einzelne direkt vom Gewitter betroffene Beobachtungsstationen, nicht selten wurden aber auch nur die Grenzpunkte der Gewitterzone angegeben. Bei kleineren Zügen sind, von den Stationen derselben durch Semikolon getrennt, noch einzelne nicht direkt vom Gewitter betroffene Orte angeführt, von welchen aus ebenfalls elektrische Erscheinungen beobachtet wurden; bei ausgedehnteren Gewittergebieten wurden diese letztern in den „Ergänzungen" nachgeholt. Die im Texte teils in Klammern, teils sonst beigefügten, mit dem Masszeichen $^m/_m$ versehenen Zahlen geben, sofern nichts weiteres bemerkt ist, den Tagesbetrag des Niederschlags auf der betreffenden Station an. (Leider wird nur von sehr wenigen Beobachtern der während eines Gewitters gefallene Niederschlag gemessen). s bedeutet Tagessumme, ein Datum in Bruchform angesetzt, z. B. 13./14., die Zeit von einem Tage ($7^1/_2{}^h$) zum folgenden ($7^1/_2{}^h$), also hier: vom 13. auf den 14.

Zur Vervollständigung des Gewitterbildes einzelner Tage dienen die Ergänzungen, in deren ersten Teil „a" spezielle Notizen einzelner Berichterstatter über die Witterungsvorgänge, bei grösseren Gewitterzügen wohl auch die durch Stationen bezeichneten Grenzlinien und die aus der Ferne wahrgenommenen elektrischen Erscheinungen angeführt sind, während im zweiten „b", mit Ausnahme der schon in der tabellarischen Uebersicht erwähnten ganz vereinzelten Fälle, die Hagelschläge festgelegt wurden. Hier sind die hagelbeschädigten Gemeinden, soweit möglich, nach ihrer topographischen Lage in der Richtung des betreffenden Zuges geordnet, wobei die in Klammern stehenden Kantonsnamen für alle vorangegangenen Orte gelten.

In den Nachträgen fanden ausser den lokalen Gewittern und den nur sporadisch aufgetretenen elektrischen Erscheinungen auch diejenigen Züge Aufnahme, welche unserm Landesgebiete fern blieben oder dasselbe nur streiften, deren Blitze und Donner aber auf einzelnen unserer Grenzstationen wahrgenommen wurden.

Am Schlusse sind, nach den üblichen Kategorien geordnet, die bekannt gewordenen Blitzschläge angeführt, eventuell auch kurz beschrieben.

Die der Kürze halber ohne nähere Bezeichnung gebliebenen Stationsnamen Augst, Camedo, Champ-Fahy, Crana, Davos, Gingins, Gsteig, Hallau, Iberg, Kilchberg, Klöntal, Küsnacht, Küssnacht, Langnau, Marbach, Münster, Muri, Nisellas, Oberkirch, Pfäffikon, Rickenbach, S^{ta} Maria, Schatzalp, Splügen, Varen, Vorderthal, Waldhalde, Wald, Wasen, Wil-R., Wil, Zollikon können in folgender Weise präzisiert werden: Basel-Augst, Camedo (Grenzstation im Centovalli, Tessin), Orphelinat de Champ-Fahy s. Neuveville, Crana-Torricella (Trinkwasserversorgung von Lugano), Davos-Platz, Gingins s. Chéserex (Nyon), Gsteig b. Saanen, Unterhallau, Oberiberg, Kilchberg (Baselland), Schleusen des Löntschwerkes am Klöntalersee, Küsnacht (Kt. Zürich), Küssnacht (Kt. Schwyz), Langnau (Kt. Bern), Marbach (Kt. Luzern), Münster (Kt. Luzern), Muri (Aargau), Nisellas-Alvaschein b. Tiefen-Castel, Hof Oberkirch b. Kaltbrunn, Pfäffikon (Kt. Zürich), Rickenbach b. Schwyz, S^{ta} Maria im Münstertal (Graubünden), Schatzalp b. Davos-Platz, Splügen (Dorf), Varen-Leuk, Vorderwäggithal, Waldhalde, Elekrizitätswerk an der Sihl b. Schönenberg (Kt. Zürich), Zürcher Sanatorium auf Hittenberg b. Wald, Wasen im Emmental, Wil-Rafz (Kt. Zürich), Wil (Kt. St. Gallen), Schweiz. Anstalt für Epileptische b. Zollikon (Kt. Zürich).

Erklärung zu den Tafeln.

Die am Schlusse beigefügten 24 Kärtchen, welche eine durch J. Hess ausgeführte Reduktion (1:3000000) der vom Bearbeiter im Massstabe von 1:1000000 gezeichneten Originalbilder sind, sollen einige Tage mit den meisten Gewitterzügen und Gewittergruppen zur Anschauung bringen; der Uebersicht halber enthält jedes einzelne Kärtchen, mit Ausnahme zweier Fälle, nur die Gewitterzüge eines Tages, obschon der Raum es oft gestattete, da oder dort noch solche eines andern Tages einzuzeichnen. Von 54 im Original graphisch dargestellten Gewittertagen wurden 26 in den nachstehenden Tafeln aufgenommen. Das Symbol ▲ markiert die Lage der einzelnen hagelbeschädigten Gemeinden oder Orte. Die Pfeile geben die Richtung des Gewitters; konnte dieselbe nicht ermittelt werden, so deutet ein Punkt die Gegend der elektrischen Entladungen an. Die Kurven (Isobronten) verbinden die Stationen mit gleichzeitigem Eintritt des Gewitters im Zenith des Beobachters. — Die Ziffern bezeichnen die Zeit in Stunden und Viertelstunden von 0^h bis 24^h; wo die genauen Zeiten nicht angegeben, stehen die Buchstaben a (vormittags), p (nachmittags), oder n (nachts) an deren Stelle.

Tabellarische Zusammenstellung der Gewitterzüge und Hagelschläge.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⛈ oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
März 1	a	758	8	16^{30}–17^{h}	WNW	SE	30	60	●² △ ▲²	⛈ [1]) vom mittleren Ergolztal über die Staffelegg ins Aaretal ziehend: Liestal (5 Min. ●², 5.9 m/m), Aarau (●, △ ▲); Blitz u. Donner: Langenbruck; Donner: Rheinfelden, Möhlin, Wintersingen, Wittnau.
» 28	a	769	16	16–18^{45}	NNW	SSE	28	14	● ▲	⛈-Front von der Linie Hinwil-Schönenberg-Walchwil-Weggis sich über die Schwyzeralpen ins Wäggi-, Schächen- u. Reusstal fortbewegend: Mettmenstetten, Pfannenstiel, Hinwil (in Dürnten ▲), Schönenberg, Walchwil (12.2 m/m), Küssnacht (15,4 m/m), Weggis, Lachen, Rickenbach, Altdorf; Donner: Uster, Fehraltdorf, Isental. **T** I, 1.[2])
	b	769	15	17–18^{14}	W	ESE	28	14	●⁰⁻²	⛈-Zug zwischen mittlerer Thur u. Bodensee, wahrscheinlich mit Front a zusammenhängend: Steckborn (leicht), Haidenhaus (starke ⛈-Regen 9.2 m/m), Nollen, Flawil (28.2 m/m), Altnau; Donner: Aadorf, St. Gallen. **T** I, 1.
März 31 / April 1	a	762	5	22–3^{35}	SW	ENE	87	25	● ✳	Breiter ⛈-Zug vom Genfer-Jura über den Genfersee zum oberen und mittleren Saanetal (nördliche Grenze: Tal der Orbe, Neuenburgersee, südliche Grenze: obere Drance-Val Trient): Genf, Lausanne, Corcelles, Clarens, Leysin ✳, Moudon, Romont, Château d'Oex (✳ et forts coups de tonnerre), Marsens, Payerne, La Valsainte (● u. ✳); Donner: Le Sentier, Nyon, Marécottes, Dailly. **T** I, 1.
» 4	a	761	11	15^{20}–17^{h}	SW	NNW	37	37	●	⛈ von der Gruyère ins mittlere Sensetal: Romont, Marsens, Boltigen; Donner: Freiburg (im E vorüber), La Valsainte.
	b	761	9	16^{15}–18^{10}	WSW	NE	34	17	●	Schmaler ⛈-Zug vom oberen Val de Travers zum Chaumont: St. Sulpice. Chaumont; Donner: Vallorbe, Freiburg (⛈ dem Jura entlang).
» 12	a	756	18	15^{55}–20^{40}	SW	NE	66	60	●²	Breiter ⛈-Zug vom untern Genfersee über den schweiz. Jura zum Rhein zwischen Rheinfelden und Kaiserstuhl und den südöstlichen Schwarzwald, im SW bis zum Tal der Sarine reichend: Genf, Longirod (31.5 m/m), Cossonay (24.5 m/m), Lausanne, Baulmes, St. Sulpice (28.6 m/m), L'Auberson, Corcelles, Moudon, Romont, La Brévine Ponts de Martel (17^{10}–17^{45} = 12.2 m/m), Chaux-de-Fonds (33.7 m/m); Payerne, Neuchâtel, La Ferrière, (Blitzschlag s. d.), Mt. Soleil, Courtelary, Biel (leicht), Bellelay, Aarberg, Choindez, Mervelier, Pfeffingen, Therwil, Basel, Augst, Langenbruck, Reigoldswil, Liestal, Olten, Kölliken, Unter-Kulm, Rheinfelden, Lampenberg, Bennwil, Diegten, Böckten, Barmelweid, Wittnau, Arisdorf (Blitzschlag s. d.), Aarau, Möhlin, Schleitheim (im W vorbei). Donner: Nyon, Mormont.
» 13	a	755	12	16^{10}–19^{h}	S	NNE	63	42	●² ▲	⛈ vom mittleren Genfer- zum Neuenburgersee ins Val de Ruz und zum Chasseral: Lausanne (in 5 Min. 7.9 m/m), L'Auberson (au sud), Boudry, Serrières, Chaumont (nur ▲), Dombresson; Donner: Nyon, La Brévine.
	b	754	14	19^{40}–21^{15}	W	ENE	—	—	●	⛈ nördlich des Rheines zwischen Basel und Schaffhausen, nur bei Rheinfelden und Möhlin südlich über den Rhein übergreifend: Basel (im NE), Rheinfelden, Arisdorf, Möhlin (11.8 m/m), Hallau (21^{h} Gewittersturm, ⛈ im N–NE), Schleitheim (⛈ im N), Lohn; Blitz u. Donner: Riehen; Donner: Böttstein; Wetterleuchten: Rheinau.
» 16	a	756	7	17^{23}–18^{h}	N	SE E	38	51	● △² ▲	Kleineres ⛈ vom unteren Wiesen- ins Ergolztal und zur Geissfluh: Augst, Rheinfelden, Möhlin, Arisdorf (im E ▲), Wintersingen (● u. △²), Diegten, Kilchberg, Wittnau, (14.0 m/m). Donner: Basel, Bennwil, Lampenberg, Kölliken.
» 19	a	758	9	15^{30}–17^{20}	WNW	SE	38	38	●² △ ▲²	⛈ vom untern Birs- zum Ergolztal und über die Staffelegg ins Aare- und untere Reusstal ziehend, wahrscheinlich als Fortsetzung eines breiten ⛈-Zuges in der Gegend des Rhone-Rheinkanales: Bellelay △, Pfeffingen, Augst, Arisdorf, Liestal, Waldenburg, Bennwil, Diegten ▲, Aarau (●², ▲² „bis erbsgross"), Kölliken (im N vorbei); Donner: Basel, Reigoldswil, Langenbruck, Wintersingen.
» 23	a	752	14	14^{55}–16^{h}	SSW	NE	17	12	● ▲	Kleines ⛈ vom südlichen Albis zum Greifensee: Sihlwald ▲, Thalwil, Zollikon; Donner: Horgen (mit gewitterartigen Regenschauern).
	b	752	14	15^{42}–16^{36}	NW	SE	15	15	● △² ▲²	Kleines intensives ⛈ vom untern Limmat- u. Wehntal zum Greifensee: Opfikon ▲² (17.0 m/m), Furttal (▲² zwischen Affoltern b. Zürich und Höngg), Zürich (kurzer ●² und einige Hagelkörner), Uster (▲ und △).
	c	750	18	15^{47}–17^{30}	NW	SE	23	46	● ▲	⛈ vom untern Maggia- und Verzascatal, über den obern Lago maggiore, Piano di magadino und den Monte Ceneri zum Luganersee: Locarno ▲ (2.0 m/m), Bellinzona (14,7 m/m), Lugano ▲ (14.8 m/m), Mte. Bré (31.0 m/m). Donner: Braggio.

[1]) Das Zeichen ⛈ bedeutet: Gewitter. — [2]) Ein **T** mit nachfolgender römischer u. arabischer Ziffer bezieht sich auf Tafel u. Kärtchen der graphischen Darstellung.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges	Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
April 23	d	762	15	16^{45}–18^{30}	WNW SE	—	—	●² △ ▲	K v. obern Klettgau über den Hegau z. Ueberlingersee: Schaffhausen, Thayngen ▲, Lohn (●², △), Diessenhofen, Kreuzlingen (jenseits des Sees).
Mai 3	a	767	24	13–16^{41}	N SE SW	64	13	● △ ▲²	K vom Hegau über Untersee, Rhein und die mittlere Thur ins Neckar- und Sittertal ziehend, mit Ausläufern ins Mitteltoggenburg (Ebnat): Lohn, Diessenhofen △, Stein a. Rh. ▲² (Schlossen bis Erbsgrösse), Eschenz (23.2 m/m), Steckborn („leicht", 2.1 m/m), Haidenhaus, Niederneunforn, Kreuzlingen, Frauenfeld, Thundorf, Affeltrangen, Aadorf (im N 13–16^{h} starkes K), Altnau, Bischofszell, Nollen, St. Gallen, Flawil, Herisau, Appenzell, Urnäsch („leicht"), Hundwil („K-Regen"), Degersheim, St. Peterzell ▲, Ebnat (leicht); Donner: Schaffhausen, Rheinau, Teufen, Altstätten, Säntis. T I, 2.
	b	767	24	14^{45}–16^{35}	W ESE	27	13	● ▲²	Kleines K vom untern Glatt- ins obere Tösstal: Effretikon, Opfikon, Bassersdorf ▲², Dietlikon ▲, Hinwil. Bauma ▲²; Donner: Zürich, Uster. T I, 2.
	c	767	23	15^{15}–16^{40}	NW SE	—	—	●	K vom Hegau über den Seerücken ins Thurtal ziehend: Stein a. Rh., Steckborn; Donner: St. Gallen. T I, 2.
	d	767	17	16^{30}–18^{h}	SSE N	47	32	●	K vom untern Prättigau über die Scesaplana ins Rheintal ziehend: Seewis, Haag, Sevelen; Donner: Säntis, Altstätten. T I, 2.
	e	767	16	16^{15}–18^{15}	W SE	68	34	●	K-Zug vom Quellgebiet der Linth über Sernft- und Calfeisental ins Prättigau und Schanfigg: Glarus, Linthal, Elm, Vättis, Plantahof, Schiers, Arosa. T I, 2.
	f	767	15	17–18^{h}	NW ESE	28	28	●⁰ ▲	K vom Zulgtal ins Lauterbrunnen- und unterste Haslital: Beatenberg, Interlaken, Lauterbrunnen, Brienz; Donner: Langnau, Sarnen. T I, 2.
	g	767	15	17^{30}–18^{h}	NNE SSW	20	40	●	Kleines K vom Maderanertal über das Oberalpstockmassiv ins Medels- und Urserntal ziehend: Lungenstutz, Platta, Andermatt; Donner: Göschenen, Gurtnellen. T I, 2.
	h	766	14	18^{30}–21^{h}	NW SSE	35	12	● ▲	K vom untern Simmental über das Tal der Kander und die Gemmi ins Wallis ziehend: Boltigen, Frutigen, Kiental ▲ („strichweise"), Adelboden („stark"), Leukerbad; Blitz und Donner: Grächen; Donner: Siders, Hérémence; Blitz: Interlaken, Château d'Oex, La Valsainte. T I, 2.
» 10	a	752	15	9^{30}–12^{30}	S N NE	50	50	● ▲	K vom Mendrisiotto über die Tresa zum Langensee und ins untere Maggiatal mit einem Ausläufer ins Tessintal u. untere Misox: Ponte Tresa (15.7 m/m), Locarno ▲ (41.4 m/m), Bellinzona ▲⁰, Braggio (25.0 m/m).
» 21	a	763	17	12^{40}	N S	—	—	● △	K vom Schwarzwald südl. zum Rhein: Rheinfelden, Augst, Liestal (im N); Donner: Wintersingen.
	b	764	18	15–15^{40}	ENE W	17	34	● △	K vom Quellgebiet der Töss und Murg z. Greifensee: Aadorf, Affeltrangen, Bauma, Kollbrunn, Uster, Forch; Donner: Zollikon, Zürich.
	c	767	18	15^{20}–15^{45}	W ENE	8	32	● ▲	Kleines K vom Albishorn über den Zürichsee zum Pfannenstiel ziehend: Sihlwald, Forch, Pfannenstiel ▲; Donner: Horgen, Zürich.
	d	764	19	16^{30}–17^{15}	NW S	40	51	● ▲ ✳	K vom mittleren Thurtal zum Säntis: Kreuzlingen (K im Thurtal), Nollen, Flawil, Säntis (▲ u. ✳).
» 24	a	763	16	13^{40}–14^{10}	SW NE	16	—	●²	K im Val de Travers: St. Sulpice (23.0 m/m), Les Ponts (4,9 m/m), Chambrélien (33.5 m/m). T I, 3.
	b	763	16	14–16^{20}	W E	72	32	●² △ ▲²	K-Zug von der Passwangkette über das Quellgebiet der Ergolz, Staffelegg, Aare und Reusstal ins Limmat- und mittlere Glattal: Waldenburg, Lampenberg, Bennwil, Diegten, Wittnau, Aarau, Kölliken ▲, Schöffisdorf, Niederhasli, Opfikon, Oerlikon, Zürich ●² (15^{47}–16^{04} = 11.7 m/m; Blitzschläge s. d.), Zollikon, Uster, Hinwil; Donner: Langenbruck, Wintersingen, Böttstein, Horgen, Sihlwald. T I, 3.
	b_1	763	17	14–18^{45}	N SE E	55	22	●	Abzweigender Zug vom K b; vom westlichen Aargauer Jura über das luzernische Mittelland, das untere Entlebuch zum Vierwaldstätter- und untere Muottatal führend: Münster, Entlebuch, Buchsteg, Luzern, Weggis (westlich K), Rickenbach; Donner: Sarnen (auch <), Engelberg, Isental. T I, 3.
	c	764	18	15^{42}–17^{h}	SW NNE	42	42	● ▲²	K vom Quellgebiet der Jogne ins Aaretal ziehend: Jaun, La Valsainte ▲ (grêlons de 6–7 m/m de diametre), Grosshöchstetten. T I, 3.
	d	764	17	16^{16}–18^{h}	SW NE	65	33	●²	K-Zug vom Mt. Tendre über den Neuenburgersee zum Chaumont mit der Broye als südliche Grenze: Le Sentier, Vallorbe, Lausanne (im W), L'Auberson (im S), Corcelles, Yverdon, Boudry, Serrières, Chaumont; Donner: Nyon, La Brévine, Blitz: Romont. T I, 3.
» 28	a	762	10	17^{25}–20^{h}	N SSW	30	30	●	K aus dem obern Misox ins Tessintal: Braggio (30.8 m/m), Grono, Bellinzona (35.7 m/m).
» 30	a	760	8	0–6^{30}	W E	—	—	● ✳	Stationäres Nachtgewitter über dem Berner Oberland, stellenweise über den Kamm der Berneralpen ins mittlere Wallis ziehend mit erheblichen Niederschlagsmengen: Gsteig (14.4 m/m), Kienthal (49.1 m/m), Lauterbrunnen (47.4 m/m), Beatenberg (61.1 m/m), Lungern (42.5 m/m), Sitten (42.5 m/m), Sierre („22–4^{h}", 41 m/m), Varen (41.5 m/m), Visp (1^{50}–8^{h} starker, häufiger Donner, 56.5 m/m).

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai	30	b	760	8	6^{25}–10^{h}	W	E	46	23	●	K vom obern Engelbergertal über das Reusstal ins Quellgebiet der Linth ziehend mit einem südl. Ausläufer ins Urserntal: Engelberg (23 m/m), Altdorf, Linthal, Andermatt (69.3 m/m); Donner: Sarnen.
		c	761	15	12^{30}–15^{h}	NW	SE	26	13	●	K vom obern Lago maggiore zum Luganersee: Locarno, Bellinzona (66.8 m/m), Ponte Tresa, Mte. Bré (14.5 m/m); Donner: Braggio.
»	31	a	762	19	17^{30}–0^{30}	SW	E	240	34	●² ▲²	Breiter K-Zug vom untern Genfersee über den ganzen Jura bis zur Lägern und zum untern Glattal reichend (südliche Grenze: Saane- und Aaretal): Genf, Le Sentier, Vallorbe, Corcelles, Moudon, Marsens, Yverdon (17^{h} schon Vorgewitter), Baulmes, L'Auberson, St. Sulpice, Freiburg ▲² (Körner mit 15–25 m/m Durchmesser, in Chivisiez sogar 40 m/m), Boudry, Les Ponts (in 30 Min. 9.1 m/m), Chambrelien, Serrières, Murten ▲, Neuchâtel, Chaumont, Dombresson, Chaux-de-Fonds, Aarberg, Biel, La Ferrière (20.8 m/m), Mt. Soleil, Saignelégier, Courtelary, Bellelay, Mormont (26.5 m/m), Choindez, Delémont (33.8 m/m), Mervelier, Niedergerlafingen, Weissenstein (33 m/m), Solothurn, St. Urban, Pfeffingen, Therwil, Basel (18.0 m/m), Reigoldswil, Allerheiligenberg, Waldenburg, Lampenberg, Liestal, Diegten, Kilchberg, Böckten, Augst, Rheinfelden (38.4 m/m), Möhlin (32.1 m/m, Gewittersturm), Kölliken, Unter-Kulm, Aarau, Böttstein, Schöfflisdorf, Hochfelden, Katzensee; Blitz u. Donner: Lausanne; Donner: Nyon, Clarens, La Valsainte, La Brévine, Langenbruck, Wintersingen; Blitz: Bern, Uster. **T** I, 4.
Juni	2	a	765	18	9^{10}–11^{h}	NW	E	—	—	●△	K vom südlichen Schwarzwald über den Randen in den Hegau ziehend: Schleitheim, Hallau, Wilchingen, Schaffhausen (●² und △), Lohn; Donner: Zurzach. **T** I, 5.
		b	765	19	10^{34}–14^{30}	NE	SE	50	14	● ▲	K vom südlichen Hegau ins untere Thurtal und von dort ins Quellgebiet der Töss und untere Toggenburg ziehend: Diessenhofen, Steckborn, Kalchrain, Niederneunforn, Rheinau, Andelfingen, Winterthur ▲, Aadorf, Fehraltdorf, Bauma, Sternenberg, Wald, Nollen, Bischofszell; Blitz u. Donner: Haidenhaus; Donner: Frauenfeld, Schöfflisdorf, Uster. **T** I, 5.
		c	763	22	$13^{1}/_{2}$–14^{h}	NNW	SSE	—	—	●	Kleines K vom Mte. Bré zum Generoso und Comersee: Mte. Bré, Generoso. **T** I, 5.
		d	764	16	16–18^{h}	SW	NE	40	40	●	K vom Val de Travers ins Tal von La Chaux-de-Fonds: L'Auberson, Chaux-de-Fonds, La Ferrière (au sud); Donner: Les Ponts, La Brévine. **T** I, 5.
»	3	a	762	20	13–17^{h}	WSW	NNE	75	25	● ▲²	K-Zug vom Mont d'or über den Neuenburgersee bis zum Mont Soleil reichend: L'Auberson, Baulmes, Corcelles, Moudon, Yverdon, Les Ponts (au sud), Serrières, Neuchâtel (langer Gewitterzustand), Chaumont ▲², Dombresson, Mont Soleil. **T** I, 6.
		b	762	18	15–16^{h}	SSW	NNE	15	15	● ▲⁰	Kleines K vom Kiental zum östlichen Thunersee: Kienthal ▲, Beatenberg; Donner: Lauterbrunnen. **T** I, 6.
		c	763	16	15–17^{38}	WSW	ENE	30	30	● ▲⁰	K-Zug vom Mt. Terri ins Quellgebiet der Ergolz: Therwil, Pfeffingen, Waldenburg, Liestal, Diegten, Kilchberg, Arisdorf, Herbetswil ▲⁰; Donner: Langenbruck, Reigoldswil, Basel, Augst, Bennwil, Wintersingen. **T** I, 6.
		d	763	19	16^{50}–$18^{3}/_{4}^{h}$	W	E	50	20	● ▲	K-Zug vom untern Entlebuch über den Vierwaldstätter- und Zugersee zum Quellgebiet der Sihl: Entlebuch, Buchsteg, Luzern, Stans, Küssnacht, Weggis, Mettmenstetten, Walchwil ▲, Sattel, Schönenberg, Rickenbach, Willerszell, Eutal; Donner: Einsiedeln, Sihlwald, Horgen. **T** I, 6.
		e	762	19	$17^{1}/_{2}$–19^{50}	NNW	SSE	16	32	●	K vom Klöntal ins Quellgebiet der Linth ziehend: Weesen (leicht), Klöntal, Glarus, Linthal. **T** I, 6.
		f	763	16	19^{30}–21^{50}	SW	NE	17	11	● ▲	Kleines K im nordwestl. Neuenburger Jura (oberes Doubstal): Les Ponts ▲, Les Brenets, Chaux-de-Fonds, La Ferrière ●⁰. **T** I, 6.
		g	762	19	20^{30}–0^{10}	W	NE	130	50	● ▲⁰	K-Zug vom Murtnersee über das bernische und luzernische Mittelland zum Zürichsee und Glattal: Murten, Bern (in der Ferne), Nieder-Gerlafingen, Burgdorf ▲⁰ (mit Vorgewitter), Wasen i. E., Herzogenbuchsee, St. Urban, Hitzkirch, Sihlwald, Horgen, Thalwil, Männedorf, Pfannenstiel, Uster; Wetterleuchten: Kölliken. **T** I, 6.
»	4	a	755	12	$9^{1}/_{2}$–$13^{1}/_{2}^{h}$	W	ENE	50	50	●	K von der Staffelegg über das untere Limmat- ins Tösstal und zum Rhein ziehend, gegen Osten an Breite zunehmend: Aarau, Schöfflisdorf, Hochfelden. Zürich (3.4 m/m in 4 Min.), Oerlikon, Uster, Hinwil, Winterthur, Rheinau.
		b	755	17	13–18^{30}	NW	SE	36	24	●	K-Zug bestehend aus mehreren sich folgenden Gewittern vom obern Langensee zum Mte. Generoso von 13^{30}–18^{30} Entladungen auslösend: Locarno, Lugano, Mte. Bré, Mte. Generoso; Donner: Crana Torricella.
»	14	a	761	12	18–19^{h}	W	E	—	—	● ▲⁰	K zwischen mittlerem Thurtal und Bodensee: Steckborn ▲, Kreuzlingen, Bischofszell ▲, Arbon; Donner: Altstätten.

Datum	Bezeichnung des Zuges vgl. d. Skizze	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K. oder des Zuges		Zurückgelegt. Weg in km Weg in km pro Stunde		Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juni 16	a	760	—	16^{15}–18^{47}	NW	SE	100	40	● ▲ ✳	K.-Front vom Genfer- bis zum Bodensee in der ganzen Länge und Richtung des Jura die Schweiz erreichend, wobei sich drei mehr oder weniger getrennte Züge, unterscheiden lassen, die aber zeitlich übereinstimmen: Westlicher Abschnitt: Die Schweiz wird von der Gewitter-Front auf der Linie Vallorbe-L'Auberson-Les Ponts-Mt. Soleil erreicht (16^{30}); dann schreitet diese vorwärts über Genfer- und Neuenburgersee ins Saanetal und sendet die letzten Ausläufer ins Wallis; die Richtung der K.-Züge stimmt nicht bei allen Stationen mit der Hauptrichtung der Front überein; an einzelnen Orten herrschte längerer Gewitter-Zustand. Meldungen liegen vor von: Vallorbe, Le Sentier, St. Cergue, Gingins, Longirod, L'Auberson, Les Ponts, Chaux-de-Fonds, Nyon ▲, Genf, Yverdon, Boudry, Serrières, Neuchâtel, Chaumont, Dombresson, Mt. Soleil, Romont, Payerne, Murten, Biel, Aarberg (nur ▲), Freiburg ▲, Marsens, La Valsainte, Jaun, Lauenen (K.-Sturm), Leysin, Martigny, Sitten, Gr. St. Bernhard; Donner: Mormont, Lausanne, Clarens, Hérémence. Zentraler Abschnitt: Die Front streicht über das untere Birstal und bewegt sich über das obere Ergolztal und den solothurnischen Jura ins Aaretal mit einem Ausläufer zum Hallwilersee: Lampenberg, Waldenburg, Langenbruck ▲ (5 Min.,) Bennwil, Diegten, Augst. Rheinfelden, Möhlin, St. Urban (leicht), Burg; Donner: Basel, Pfeffingen, Wintersingen. Oestlicher Abschnitt: Die Front schreitet von der Linie Diessenhofen-Hochfelden-Baden über das Thur- u. Glattal fort und sendet letzte Ausläufer bis ins Quellgebiet der Sitter u. der Glatt; vereinzelte schwächere Gewitter-Erscheinungen zeigen sich im Glattal, während Limmat- und Tösstal verschont bleiben: Schaffhausen. Diessenhofen, Niederneunforn, Baden, Frauenfeld ▲°, Thundorf, Kreuzlingen, Altnau, Nollen, Bischofszell, Degersheim ▲, Ebnat, Herisau, St. Gallen, Schöfflisdorf, Uster, Wald; Donner: Steckborn, Teufen, Altstätten, Urnäsch. **T** II, 1.
» 25	a	763	22	$10^{1}/_{2}$–$13^{1}/_{2}{}^{h}$	W	SE	74	25	●	K.-Zug vom Mt. Tendre ins Tal der Jogne u. untere Simmental: Longirod, Lausanne (im W u. NE), Moudon, Marsens, La Valsainte, Jaun, Boltigen. **T** II, 2.
	b	763	22	14–$19^{1}/_{2}{}^{h}$	W	NE	116	24	●² ▲	K.-Zug von der Broye über das Mittelland zum unteren Suhrental, im Napfgebiet von wolkenbruchartigem Regen begleitet: Moudon (18.8 m/m), Payerne, Romont, Murten, Aarberg, Bern, Burgdorf (11.1 m/m). Affoltern, Wasen i. E. ●² (27.2 m/m, mehrere Blitzschläge s. d.), Huttwil ●² („Wolkenbruch"), Herzogenbuchsee (nur 2.1 m/m), Luthern, St. Urban, Entlebuch (25.4 m/m, „strichweise ▲"), Buchsteg (40.2 m/m), Münster, Burg, Kölliken, Langenbruck, Aarau, Muri. **T** II, 2.
	c	763	21	14^{10}–16^{h}	NW	SE	49	25	●	K. vom Blauen über den Basler und Solothurner Jura ins Aaretal ziehend, meist nur geringe Niederschläge auslösend: Therwil, Rheinfelden, Arisdorf, Liestal, Pfeffingen, Reigoldswil, Waldenburg, Lampenberg, Wittnau, Allerheiligen, Eptingen, Bennwil, Diegten, Kilchberg, Aarau (leicht, 0.2 m/m), Kölliken; Donner: Basel, Augst, Wintersingen, Langenbruck. **T** II, 2.
	d	762	20	15^{30}–17^{h}	W	ESE	35	23	● ▲	Breiter K.-Zug vom obern Doubstal und Mt. Risoux zum Neuenburgersee: Gingins, St. Cergue, Vallorbe, Corcelles, St. Sulpice, La Brévine, Les Ponts, Boudry, Serrières, Neuchâtel, Chaumont ▲; Donner: Nyon. **T** II, 2.
	e	763	23	15^{32}–18^{30}	WNW	E	67	22	●	K.-Zug vom Randen über den Hegau u. Seerücken zum östlichen Bodensee: Schaffhausen, Lohn, Diessenhofen, Frauenfeld (12.5 m/m), Thundorf, Kalchrain (13.5 m/m), Eschenz (9.3 m/m), Stein a. Rh. („kurz, aber intensiv"), Steckborn, Haidenhaus, Sulgen, Bischofszell (19.5 m/m, „heftig"), Kreuzlingen, Rorschach (28.8 m/m); Donner: Hallau, Rheinau. **T** II, 2.
	f	763	22	15^{30}–19^{15}	WSW	ENE	84	24	●² △	K.-Zug vom unteren Entlebuch über Zug- und Zürichsee ins mittlere Toggenburg, von sehr starken Niederschlägen begleitet: Werthenstein, Luzern (19.8 m/m), Weggis (49.5 m/m), Küssnacht (46.0 m/m), Rigi-Kulm (61.5 m/m), Zug (23.2 m/m), Mettmenstetten, Lorzentobel, Willerszell (50.2 m/m), Sihlwald, Schönenberg, Lachen (45.0 m/m), Hof Oberkirch (33.8 m/m), Weesen (30.0 m/m), Thalwil, Rapperswil (25.2 m/m), Wald (34.0 m/m), Grüningen, Pfannenstiel △, Hinwil, Bauma, Sternenberg, Eschlikon, Ebnat (36.6 m/m), Degersheim; Donner: Oberiberg, Horgen, Glarus. **T** II, 2.
	g	762	19	16^{15}–17^{15}	W	E	32	32	●	K. vom mittleren Toggenburg über den Säntis ins Rheintal ziehend: Ebnat, Urnäsch, Säntis, Haag. **T** II, 2.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juni 25	h	762	5	$19–8^{h}$	NE	W	—	—	● ▲	Nachtgewitter im Alpstein mit starken Regengüssen verbunden: Schwäbrig (57.9 $^{m}/_{m}$), Teufen (29.0 $^{m}/_{m}$), Säntis ▲ (57.7 $^{m}/_{m}$, nur vom ↖). **T** II, 2.
	i	760	13	$23–24^{h}$	—		—	—	▲	Nachtgewitter mit nur vereinzelten Meldungen aus der Zentral- und Ostschweiz: Langnau i. E., Burgdorf, Münster, Werthenstein, Rickenbach, Horgen, Hinwil, Uster. **T** II, 2.
	k	759	14	$20–22^{30}$	NW	E	76	24	● ▲⁰	↖-Front vom südlichen Schwarzwald über den Rhein gegen das Thurtal sich fortbewegend und im Appenzeller Vorderland erlöschend, gegen Osten an Breite zunehmend: Wilchingen, Schöfflisdorf, Opfikon, Zürich (E. A.), Pfannenstiel, Männedorf (22.5 $^{m}/_{m}$), Uster ▲, Fehraltdorf, Winterthur, Niederneunforn, Aadorf, Thundorf, Stein a. Rh. („kurz, aber heftig"), Steckborn, Haidenhaus, Kreuzlingen, Altnau, Arbon, Herisau, Urnäsch; Blitz: Schaffhausen, Schleitheim, Heiden; Donner: Böttstein, Horgen. **T** II, 2.
» 26	a	759	10	$5^{16}–7^{30}$	N	S	12	24	●² ▲	Kleines ↖ im nördlichen Alpstein: Urnäsch ▲, Säntis ▲. St. Gallen („Kette von ↖ seit Mitternacht mit sinthflutartigem Regen", 33.9 $^{m}/_{m}$).
	b	758	15	$12–13^{30}$	N	S	34	23	●² ▲	↖ vom Piano di magadino zum Luganersee u. Generoso: Bellinzona (14.0 $^{m}/_{m}$), Crana Torricella (84.0 $^{m}/_{m}$), Lugano (14.5 $^{m}/_{m}$), Mte. Bré (15.8 $^{m}/_{m}$), Generoso ▲ (62 $^{m}/_{m}$).
	c	759	15	—	W	E	—	—	●	↖ vom Randen zum Bodensee: Lohn (kurzer, starker Regen).
» 29	a	765	0	$10^{24}–11^{45}$	W	E	10	20	● ✳ ▲	↖ im Sittertal: Säntis (✳ u. ▲), St. Gallen, Schwäbrig; Donner: Altstätten.
	b	764	20	$14–14^{30}$	NW	SE	13	24	●	Kleines ↖ vom Luganersee zum Generoso: Lugano, Generoso; Donner: Crana Torricella, Bellinzona.
	c	765	18	$15^{48}–17^{30}$	—		—	—	● ✳	↖-Linie von Bischofszell über St. Gallen zum Säntis reichend: Nollen, Bischofszell, St. Gallen, Herisau, Urnäsch, Säntis ✳; Donner: Teufen, Altstätten.
Juli 1	a	763	17	$19–20^{45}$	NW	SE	42	42	● ▲	Breiter ↖-Zug vom mittleren Limmat-, Töss- und Thurtal zum Alpstein: Niederhasli Opfikon, Zürich (E. A.), Winterthur, Aadorf, Eschlikon, Thundorf, Nollen, Sulgen, Kreuzlingen (im Thurtal), Heiden, Säntis ▲ ($20–20^{45}$ und $22^{15}–22^{30}$, da ↖ stagnierend); Donner: Horgen, Uster, St. Gallen, Teufen; Altstätten, Schaffhausen; Blitz: Zürich.
	b	763	15	$22^{55}–24^{h}$	W	NE	20	20	●	Kleines ↖ vom Glatt- ins Tösstal: Uster, Hinwil, Bauma, Sternenberg.
» 8	a	764	20	$15–16^{h}$	NNW	SE	20	42	●	↖-Zug vom Mt. Tendre zum Jorat und Quellgebiet der Broye mit starken elektrischen Entladungen: Le Sentier, Vallorbe, L'Auberson, St. Cergue, Corcelles Blitz u. Donner: Lausanne, Nyon; Donner: La Brévine. **T** II, 3.
	b	763	16	$18–19^{h}$	E	W	—	—	●	Kleines ↖ im Davosertal: Davos, Schatzalp. **T** II, 3.
	c	764	24	$20–22^{h}$	E	W	52	56	●	↖ vom obern Brienzer- über den untern Thunersee ins Tal der Sense ziehend: Brienz, Heiligenschwendi, Beatenberg, Thun; Donner: Sarnen, Bern, Freiburg, La Valsainte. **T** II, 3.
	d	764	24	$20–23^{20}$	E	W	25	50	●	↖ vom mittleren Emmental zum Gurten ziehend: Langnau, Bern. **T** II, 3.
» 9	a	764	25	$15–17^{h}$	NW	ESE	26	13	●	↖ vom südöstlichen Genfersee gegen die Dt. du Midi und das Val de Trient ziehend: Salvan, Marécottes, Martigny. **T** II, 4.
	b	765	25	$16–16^{30}$	WSW	ENE	36	72	● ▲	↖ vom Quellgebiet der Saane über das Simmental ins Kiental ziehend: Gsteig, Jaun, Boltigen, Adelboden, Kiental (strichweise ▲). **T** II, 4.
	c	764	24	$18^{20}–20^{h}$	SW	ESE	59	48	●²	↖-Zug vom untern Genfersee am Ostfuss des Waadtländer Jura entlang zum Quellgebiet der Broye: Genf, Gingins, Nyon, St. Cergue, Vallorbe, Corcelles („sans pluie"); Blitz u. Donner: La Brévine, Lausanne; Donner: L'Auberson, La Valsainte. **T** II, 4.
	d	764	20	$18^{20}–22^{h}$	ESE	NW	130	26	●⁰ ▲²	Breiter ↖-Zug vom Hinterrhein- über Vorderrhein-, Reuss- und Engelbergertal ins luzernische Mittelland und Emmental, im allgemeinen mit wenig Niederschlägen. Grenzlinien: im E (Thusis, Linthal, Oberiberg, Muri), im W (Gotthard, Furka, Meiringen, Langnau i. E.): Bernhardin, Innerferrera ▲ (22.5 $^{m}/_{m}$), Andeer, Splügen (▲-Schauer), Thusis (ohne Regen), Platta, Andermatt, Galenhütten, Göschenen (1.5 $^{m}/_{m}$), Gurtnellen (10.5 $^{m}/_{m}$), Braunwald, Altdorf, Engelberg, Stans (ohne Regen), Sarnen (in Sachseln während 10 Min. ▲), Meiringen, Weggis, Küssnacht, Luzern, Pilatus, Buchsteg, Langnau i. E., Affoltern i. E.; Blitz und Donner: Guttannen, Mettmenstetten; Donner: Isental, Oberiberg, Zürich; Blitz: Wintersingen, Kölliken. **T** II, 4.
	e	765	28	$18^{30}–21^{h}$	S	NNW	40	26	●	↖-Zug vom Mt. Ceneri über den Piano di magadino ins obere Tessintal ziehend: Bellinzona, Locarno, Braggio, Comprovasco, Faido (Blitzschlag s. d.). **T** II, 4.
	f	765	25	$21^{30}–22^{50}$	WNW	ESE	15	30	●	↖ vom mittleren Aaretal zum Napfgebiet und Thunersee ziehend: Burgdorf (im S), Heiligenschwendi. **T** II, 4.
» 10	a	764	20	$17–17^{30}$	E	WSW	15	30	●⁰	Kleine ↖-Front vom Prättigau und Davosertal gegen das Hinterrheintal sich bewegend: Schiers (ohne Regen), Davos (mit leichtem, kurzem Regen), Arosa (leicht, 1,9 $^{m}/_{m}$), Savognin (stark, 6.0 $^{m}/_{m}$).

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Juli 11	a	766	19	$17–17^{30}$	SE SSW	12	24	● ▲	Stagnierendes K ins Unterengadin, gegen Abend ins Scarltal sich bewegend: Remüs ($15^{30}–17^{h}$), Scarl ($17–18^{h}$ mit feinem ▲).
	b	766	18	$19–20^{h}$	NW SE	24	—	●^{0}	K vom untern Prättigau ins Davosertal mit geringem Niederschlag: Seewis (leicht, 0.0 mm), Davos („nachmittags zeitweise kurz, 20^{h} minimaler Regen", 0.2 mm), Schatzalp (östlich, 0.3 mm).
» 12	a	768	27	$15–17^{h}$	SSW E SE	22	36	● ▲	K vom obern Doubstal und Val de Travers über die Hochtäler des Neuenburger Jura zum Mt. Soleil ziehend, zeitweise stagnierend: Les Brenets, La Ferrière (▲ $15^{42}–15^{45}$ u. $15^{56}–16^{03}$, 12.1 mm), Chaux-de-Fonds ▲, Neuchâtel (au Nord), Chaumont, Mt. Soleil.
» 13	a	768	28	$16–17^{30}$	SE NNE	32	32	●	K vom Vispertal ins Rhonetal gegen die Gemmi ziehend: Grächen, Varen, Leukerbad; Donner: Hérémence, Sitten.
» 14	a	768	24	$17^{10}–20^{30}$	S E N	38	19	●^{2} ▲	K-Zug vom Quellgebiet des Hinterrheines über Domleschg und Oberhalbstein ins Davosertal mit einem seitlichen Ausläufer ins Valsertal: Bernhardin ▲ ($17^{20}–18^{h}$), Innerferrera, Splügen, Andeer, Savognin ▲, Thusis, Tomils, Vals, Vrin, Davos ●^{2}, Schatzalp; Donner: Chur.
	b	768	21	$16^{30}–20^{h}$	WNW SE	21	43	●	Starkes K im Oberengadin, dort längere Zeit stillstehend und dann gegen die Bernina ziehend mit einem seitlichen Ausläufer nach dem Bergell: Bevers, St. Moritz („sehr stark"), Pontresina, Lago Scala, Vicosoprano.
	c	765	18	$22–24^{h}$	W E	—	—	●	K-Linie mit nordöstlichem Verlauf und Meldungen eines Nachtgewitters von: Glarus, Urnäsch, Hundwil, Bischofszell, Kreuzlingen.
» 15	a	766	28	$13–15^{15}$	NW S	68	68	● ▲^{2}	Breiter K-Zug vom Bedrettotal zum Luganersee und über Vorder- und Hinterrheintal ins Davosertal und Prättigau, im südlichen Teil von starkem Hagel begleitet: Airolo, Faido („leicht"), Bellinzona ▲, Locarno, Crana Torricella, Lugano ▲^{2} ($14^{45}–15^{15}$ „fortissimo temporale"), Comprovasco, Braggio ▲, Splügen ▲^{0}, Bernhardin, Vrin, Vals, Safien, Thusis, Davos, Schatzalp, Reichenau; Donner: Generoso. **T** II, 5.
	b	765	27	$13^{15}–15^{h}$	W E	26	23	●	K-Zug von der Linie Willerszell-Bisistal-Lungenstutz-Göschenen zum Linth- und Sernfttal: Göschenen, („vorüberziehend"), Bisistal, Willerszell, Glarus, Linthal, Elm; Donner: Engelberg, Platta. **T** II, 5.
	c	766	28	$14–21^{h}$	W E	150	50	● ▲	K-Front vom südöstlichen Frankreich über Genfer und Waadtländer Jura die Schweiz erreichend und in westöstlicher Richtung gegen die Zentralschweiz, Glarnerland und Bünden vorwärtsschreitend, mit Ausläufern ins Wallis, zum Langen- und Luganersee und ins Engadin, nach Osten mit wesentlicher Verringerung der Geschwindigkeit: Genf, Gingins, Vallorbe, L'Auberson, La Brévine, Les Brenets, Romont, Chaux-de-Fonds ▲, La Ferrière ▲, Neuchâtel, Chaumont, Mt. Soleil ▲, Bellelay, Lausanne, Leysin, Martigny, Grand St. Bernhard, Gsteig, Thun, Heiligenschwendi, Beatenberg, Burgdorf, Interlaken, Brienz, Meiringen, Guttannen, Fiesch, Reckingen, Buchsteg, Engelberg, Isental, Altdorf, Rickenbach („zweimal unmittelbar aufeinanderfolgende K") Küssnacht, Weggis, Rigi, Bisistal, Oberiberg, Braunwald, Linthal, Fridolinshütte (S. A. C.), Glarus, Weesen, Wallenstadt, Gurtnellen, Göschenen, Andermatt, Faido, Bernhardin, Vals, Arosa, Reichenau, Schiers, Vicosoprano, Sils, St. Moritz, Bevers, Braggio, Bellinzona, Locarno, Lugano; Donner: Corcelles, Romont, Clarens, Freiburg, La Valsainte, Bern. **T** II, 5.
	d	765	29	$14^{20}–15^{h}$	WNW ESE	27	54	●	Leichtes K vom mittleren Toggenburg über den Säntis ins Rheintal ziehend: Ebnat, Urnäsch, Säntis, Appenzell, Haag; Blitz und Donner: Schwäbrig; Donner: St. Gallen, Teufen, Altstätten. **T** II, 5.
	e	767	29	$16–16^{45}$	W E	22	29	●	K vom mittleren Rhone- ins Vispertal ziehend: Varen, Visp; Donner: Hérémence. **T** II, 5.
	f	765	28	$16–17^{15}$	E W	13	11	●	Kleines K vom Quellgebiet der Ergolz zum Blauen und Gempenplateau ziehend: Lampenberg, Pfeffingen. **T** II, 5.
	g	765	25	$16^{30}–18^{h}$	WNW ENE	20	23	● ▲^{0}	K-Front im östlichen Mittelland entstehend und hauptsächlich auf der Linie Kreuzlingen, Frauenfeld, Aadorf, Uster, Horgen und Zug elektr. Erscheinungen hervorrufend: Wil (Zürich), Niederhasli, Muri, Zug ▲^{0}, Lorzentobel, Walchwil, Hauptsee, Schönenberg, Sihlwald ▲^{0}, Horgen ▲^{0}, Zürich (im E, S u. W), Männedorf, Grüningen, Uster, Fehraltdorf, Kollbrunn, Thundorf, Frauenfeld, Aadorf, Affeltrangen, Haidenhaus, Kreuzlingen; Donner: Kölliken, Luzern, Hundwil, St. Gallen, Steckborn. **T** II, 5.
	h	765	24	$17^{55}–19^{h}$	NW ESE	22	44	●	K vom Oberelsass zum Plateau des Dinkelberges und ins Quellgebiet der Ergolz ziehend: Basel, Riehen, Augst, Rheinfelden, Liestal, Möhlin, Lampenberg, Kilchberg. **T** II, 5.

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges			Zurückgelegter Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juli	15	i	765	22	$20–20^1/_2{}^h$	NW		SE	38	31	●^{0}	K-Front vom südöstlichen Schwarzwald aus die Schweiz erreichend und zwischen Zürich- und Bodensee bis ins mittlere Limmat-, Glatt-, Töss- und Thurtal vordringend: Hallau, Wilchingen, Schleitheim („im S"), Schaffhausen, Lohn, Stein a. Rh. ●^{0}, Niederhasli, Opfikon, Zürich, Winterthur, Uster, Bauma, Aadorf, Haidenhaus. **T** II, 5.
		k	766	22	$20^{30}–21^{30}$	NW		SE	11	10	●	Kleines K im Tal der Jogne: La Valsainte, Jaun; Donner: Bern. **T** II, 5.
»	18	a	761	20	$11^{20}–15^h$	NNW		SSE	32	9	●^{2} △ ▲^{2}	K-Zug vom untern Maggia-, Tessintal u. Misox zum Luganersee und Generoso, an einzelnen Orten lange Zeit stagnierend und von starken Regengüssen begleitet: Braggio (39.0 m/m, nur K), Bellinzona (26.4 m/m), Locarno (▲^{2}, ●^{2}, in 5 Stunden 84.6 m/m), Lugano (10.0 m/m), Mte. Bré (10.4 m/m), Generoso (43.4 m/m).
»	19	a	764	18	$19–19^{30}$	NW		ESE	12	20	●^{0} ▲	Kleines K vom mittleren Tösstal zum Pfäffikersee und ins Quellgebiet der Glatt ziehend: Uster ▲, Hinwil (17.0 m/m), Bauma, Aadorf.
		b	764	19	$16^{05}–17^{15}$	NW	SE	E	33	30	●	K vom Randen über den Hegau zum Bodensee und ins Thurtal ziehend, bei Konstanz sich in einen östlichen und einen südlich verlaufenden Zug teilend: Diessenhofen, Frauenfeld, Stein a. Rh., Steckborn, Kreuzlingen; Donner: Rheinau und Schaffhausen.
»	22	a	769	18	$9^1/_2–11^1/_2{}^h$	NW		SE	52	26	●	K zwischen Glatt und Töss in der Gegend des Greifensees, südöstlich über den oberen Zürichsee in die Linthebene und das Glarner Unterland weiterziehend mit einzelnen Lücken: Fehraltdorf, Uster, Hinwil, Bauma, Grüningen, Glarus, Wallenstadt; Donner: Horgen, Säntis. **T** II, 6.
		b	768	25	$13^{05}–15^h$	NNW		SE	21	17	●	K-Zug zwischen Zürich und Bodensee, vom mittleren Thur- und unteren Töss- und Glattal ins Zürcher Oberland und Untertoggenburg ziehend: Hochfelden, Schöfflisdorf, Opfikon, Frauenfeld, Niederneunforn, Kalchrain, Haidenhaus, Kreuzlingen, Thundorf, Eschlikon, Nollen, Flawil, Zürich, Sihlwald; Donner: Kaiserstuhl, Schleitheim, Rheinau, Schaffhausen, Uster. **T** II, 6.
		c	768	26	$13^{45}–15^h$	W	SE	NE	22	25	●	K vom nördlichen Randen zum Rhein und Untersee ziehend: Lohn, Stein a. Rh., Steckborn. **T** II, 6.
		d	769	12	$14–15^h$	W		E	34	70	●	K über den Berner Hochalpen, über die Grindel zur Furka ziehend, mit einem nördl. Zug gegen den Brünig: Grindelwald, Eigergletscher, Galenhütten, Lungern; Donner: Lauterbrunnen, Sarnen, **T** II, 6.
		e	768	27	$16^{42}–19^{30}$	NW		SE	28	50	●^{2}	K von der Lägern zum Zürich- und Greifensee ziehend, mit einem Ausläufer ins Töss- und Murgtal: Niederhasli, Opfikon, Oerlikon, Zürich ●^{2} (Blitzschläge s. d.), Uster, Aadorf. **T** II, 6.
»	23	a	766	23	$17–19^{45}$	W		E	68	26	●	Schmaler K-Zug vom obern Kandertal den Berner Hochalpen entlang ins Haslital und der Furka: Adelboden, Guttannen, Galenhütten. **T** III, 1.
		b	765	28	$21–0^{15}$	NW		SE	22	22	●	K-Zug vom Centovalli über den obern Lago maggiore zum Luganersee: Locarno, Crana Torricella, Lugano (7.0 m/m); Donner: Braggio. **T** III, 1.
»	24	a	762	20	$10^{06}–11^{30}$	WSW		ESE	37	36	●	K vom Becken von Schwyz über oberstes Sihl- und Klöntal ins Glarnerland und Sernfttal ziehend: Rickenbach (0.4 m/m), Oberiberg, Glarus (11.2 m/m), Elm; Donner: Luzern, Küssnacht, Zug. **T** III, 1.
		b	762	22	$13^{15}–13^{45}$	NW		SE	22	44	●	K vom Zugersee ins Muottatal ziehend: Zug, Küssnacht. Rickenbach. **T** III, 1.
		c	763	24	$13–14^h$	WNW		ESE	32	32	● ▲^{0}	Schmaler K-Zug vom untern Neckertal nördlich am Säntis vorbei zum Rheintal: Nollen, Degersheim (13.8 m/m), Herisau, Urnäsch (10.0 m/m), Altstätten (im S, 18.7 m/m, Blitzschlag s. d.); Donner: St. Gallen, Säntis. **T** III, 1.
		d	762	24	$15–16^{15}$	W		E	39	39	●^{2}	K-Zug vom Hallwilersee östlich zum Zürichsee und ins mittlere Glattal: Kölliken. Burg, Muri, Thalwil, Zürich 15^{56} ●^{2}, Männedorf, Oerlikon, Uster; Donner: Horgen, Opfikon. **T** III, 1.
»	29	a	765	22	$11^{30}–13^h$	W		E	43	28	●^{0} ▲	K-Zug vom Lugnez ins Hinterrhein- u. Davosertal: Vrin (1.0 m/m), Tomils (2.7 m/m), Nisellas, Arosa (0.7 m/m), Schatzalp (4.8 m/m), Davos (0.0 m/m), Plantahof.
»	31	a	759	26	$18–19^h$	NW		SE	56	56	●^{2}	Schmaler K-Zug vom Col de la Faucille ins freiburgische Mittelland: Gingins (4.9 m/m), St. Cergue, Cossonay, Lausanne ●^{2} (37.9 m/m); Donner: Nyon. **T** III, 2.
		b	759	22	$19^{30}–21^h$	WSW		NE	120	80	●^{2}	K-Zug vom Mt. Risoux und Mt. Tendre über Neuenburger- und Berner Jura ins Quellgebiet der Ergolz mit der Sarine und Aare als östliche Grenze: St. Sulpice, Boudry, Serrières, La Ferrière (14.4 m/m), Chaumont ●^{2}, Dombresson, Murten, Aarberg, Mt. Soleil, Biel, Courtelary, Bellelay, Delémont („petits orages successifs de 20–22 h"), Solothurn, Weissenstein (11.0 m/m), Herbetswil, Langenbruck, Lampenberg; Blitz u. Donner: Freiburg ●^{2} (36.8 m/m); Donner: Mormont. **T** III, 2.
		c	760	19	$20–20^{30}$	NNW		SSE	16	64	●^{2}	K vom obern Rhonetal zur Dent de Morcles und Dent du Midi ziehend: Leysin (0.8 m/m, nur K), Savatan (18.9 m/m), Dailly (31.5 m/m); Blitz u. Donner: Château d'Oex; Donner: Clarens (19.5 m/m). **T** III, 2.

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Juli 31	d	759	18	$20–21^{30}$	W S	105	60	●²	K-Zug vom Quellgebiet der Birs und Blauen über das aargauische Mittelland, das Limmat-, Sihl- und Glattal zur mittleren Töss reichend, im östlichen Abschnitt stellenweise von bedeutenden Niederschlägen begleitet: Mervelier, Therwil, Pfeffingen, Augst, Arisdorf, Wittnau, Liestal, Bennwil, Böckten, Diegten, Eptingen, Rheinfelden, Waldenburg, Olten, Möhlin, Aarau (14.7 m/m), Unter-Kulm, Muri (40.1 m/m), Mettmenstetten (27.8 m/m), Hochfelden (16.1 m/m), Schöfflisdorf, Zürich (35.4 m/m), Zollikon, Küsnacht (34.9 m/m), Männedorf (30.9 m/m), Katzensee, Opfikon (25.1 m/m, K nur 0.1 m/m), Pfannenstiel (33.7 m/m), Uster (30.4 m/m, K nur 1.3 m/m), Wil (18.4 m/m), Kollbrunn (16.0 m/m), Winterthur (26.0 m/m), Hinwil (33.0 m/m), Bauma (33.1 m/m), Sternenberg (31.2 m/m); Blitz u. Donner: Horgen, Sihlwald, Kölliken. Donner: Basel (32.9 m/m). **T** III, 2.
	e	759	21	$20–22^{h}$	W E	36	48	●	K-Zug vom Quellgebiet der Ergolz südlich des Rheines zum Rafzerfeld: Langenbruck, Reigoldswil, Wintersingen, Bötzberg, Böttstein, Schleitheim; Donner: Rheinau, Unter-Hallau, Schleitheim. **T** III, 2.
	f	759	21	$20^{20}–22^{h}$	WSW E	34	34	●²	K-Zug vom untern Thurtal und Randen über den Seerücken zum östlichen Bodensee, Schaffhausen, Lohn, Niederneunforn, Diessenhofen, Aadorf (36.0 m/m), Kreuzlingen (21.9 m/m), Altnau, Bischofszell (15.2 m/m); Blitz u. Donner: Schleitheim, Frauenfeld; Donner: Steckborn. **T** III, 2.
	g	760	20	$20^{45}–21^{15}$	W E	43	86	●	K vom Quellgebiet der Saane über das Kander- z. Lauterbrunnertal ziehend: Gsteig (27.6 m/m), Adelboden (22.5 m/m), Frutigen (18.3 m/m), Lauterbrunnen (18.5 m/m). **T** III, 2.
	h	759	20	$21–22^{40}$	WSW ENE	30	40	●	K-Zug vom obern Doubstal über den Jura ins Tal von La Chaux-de-Fonds und im Süden bis ins mittlere Saanetal reichend, mit einem Ausläufer zu den Gastlosen: Vallorbe, Montcherand, Baulmes (7.5 m/m), Romont (17.5 m/m), Marsens (27.1 m/m), La Valsainte, Jaun (20.8 m/m), Les Ponts, Chaux-de-Fonds (12.3 m/m). **T** III 2.
	i	759	24	$22–24^{h}$	S NNW	38	19	●	K vom Mte. Ceneri ins obere Tessintal ziehend: Bellinzona (26.3 m/m), Braggio (63.0 m/m), Airolo (11.6 m/m); Donner: Locarno. **T** III 2.
	k	759	18	$22^{30}–24^{h}$	NW SE	—	—	●	Breite K-Front vom Genfer- bis zum Hallwilersee, 23^{30} die Linie La Valsainte-Bern-Burgdorf-Herzogenbuchsee erreichend, wovon hauptsächlich Meldungen vorliegen: Neuchâtel, Montcherand, Cossonay, La Valsainte, Bern, Worb, Burgdorf, Herzogenbuchsee, Grosshöchstetten, Thun, Entlebuch, St. Urban, Burg, Münster, Walchwil, Wallenstadt; Donner: Clarens; Wetterleuchten: Luzern. **T** III, 2.
Aug. 3	a	765	16	$9^{30}–12^{25}$	W E	45	45	●▲	K aus dem Oberengadin über den Piz Quater Vals z. Ofenpass u. ins Müntertal ziehend: Sils, St. Moriz, Pontresina, Bevers, Buffalora, Scarl ▲, Sta. Maria. **T** III, 3.
	b	765	18	$9^{40}–12^{h}$	WNW NNE NE	80	40	●²	Schmaler K-Zug vom Hauenstein ins mittlere Glatt-, Töss- und Murgtal, mit einem Ausläufer ins Tal der Langeten: Allerheiligenberg, Eptingen, Aarau (leicht, aber mit starkem Platzregen, 20.3 m/m), Kölliken, Pfannenstiel, Grüningen, Fehraltdorf, Bauma, Aadorf, St. Urban; Donner: Langenbruck, Horgen, Uster, Hinwil (K 6.0 m/m). **T** III, 3.
	c	766	21	$11–13^{30}$	W E	12	24	●	Kleines K vom Quellgebiet der Linth ins obere Sernfttal: Linthal, Elm. **T** III, 3.
	d	765	28	$11–14^{30}$	N W SSE	48	64	●	K-Zug vom obern Bedrettotal ins untere Maggia-, Tessintal und Misox: Airolo, Braggio, Grono, Locarno, Ponte Tresa. **T** III, 3.
	e	765	21	$12^{15}–13^{10}$	SW SE	—	—	●	K vom nördlichen Alpstein gegen das Rheintal ziehend: Urnäsch, Teufen (im S); Donner: Säntis, St. Gallen, Altstätten. **T** III, 3.
	f	765	20	$14–15^{50}$	W SE	52	52	●²	K-Zug vom Safiental über das Hinterrheintal in die Talschaft von Davos und ins Prättigau, mit einem südlichen Ausläufer gegen das Engadin: Vals, Thusis, Arosa, Davos ●², Reichenau, Plantahof, Seewis ●², Passo del Ducan, Bevers; Donner: Sargans, Pontresina. **T** III, 3.
	g	765	20	$17^{16}–18^{10}$	WNW E	27	34	●² ▲²	Kleines heftiges K vom untern Sihltal über den Pfannenstiel ins Glattal und zur Allmannkette ziehend: Zürich (im S vorbei ●², $17^{18}–17^{30}$ 10 m/m), Hinwil ▲² (Körner 1.2–1.5 % Durchmesser), Wald (24.0 m/m). **T** III, 3.
	h	766	21	$17^{58}–19^{20}$	W E NE	56	60	●	K-Zug von der Staffelegg über das mittlere Reuss- und Sihltal zum Greifensee, südlich bis zum Vierwaldstätter- und Zugersee ziehend: Aarau, Muri (K nur 1.5 m/m); Donner: Langenbruck, Kölliken, Sihlwald, Hinwil. **T** III, 3.
	i	766	22	$18–18^{30}$	NW SE	45	90	●	K-Zug vom Val de Travers über den Neuenburgersee ins mittlere Saanetal: La Brévine, Freiburg. **T** III, 3.
	k	766	19	$20–23^{h}$	W NE	—	—	●	K-Serie vom Blauen und den Südvogesen über das Oberelsass zum südlichen Sihlwald: Riehen. **T** III, 3.
	l	766	18	$20^{15}–21^{h}$	W E	36	72	●	K vom Sernfttal ins mittlere Prättigau ziehend: Elm (32.5 m/m), Sargans (9.4 m/m), Schiers (3.6 m/m). **T** III, 3.

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Aug. 11	a	766	18	6^{15}–6^{45}	SW NE	16	32	●⁰	Kleines K vom Blauen und mittleren Birstal über den Rhein ins untere Wiesental: Therwil, Riehen; Donner: Langenbruck, Reigoldswil, Basel, Augst, Wintersingen. T III, 4.
	b	767	24	13–13^{35}	NE SW	11	44	● ▲	K aus dem Hegau über den Randen zum südöstlichen Schwarzwald ziehend: Kreuzlingen: (im Hegau), Lohn (10.9 m/m); Schleitheim ▲ (3.4 m/m); Donner: Schaffhausen. T III, 4.
	c	767	22	13^{30}–14^{h}	SW NE	14	28	●	Kl. K im Quellgebiet der Talent: Cossonay (1.7 m/m), Corcelles (21.0 m/m). T III, 4.
	d	767	21	16–18^{h}	W E SE	48	24	●⁰ ▲	Schmaler K-Zug vom Grindelwaldnertal über das Hasli-, Meien- und Reusstal ins Urserntal: Eigergletscher, Meiringen (1.5 m/m), Gurtnellen, Andermatt (2.8 m/m); Donner: Guttannen, Sarnen, Engelberg. T III, 4.
	e	767	22	16–19^{h}	WSW E	33	66	●²	K vom mittleren Engadin und Albula über Piz Quater Vals zum Münstertal ziehend: Sils Maria, St. Moritz, Bevers ●², Pontresina, Albula, Sta. Maria ●⁰ (im W); Donner: Morteratschgletscher. T III, 4.
	f	767	24	17^{30}–19^{40}	W E SE	21	28	● ▲²	K vom obern Bisistal über den Ortstock ins Glarnerland und obere Sernfttal ziehend: Bisisthal („haselnussgrosse Körner"), Braunwald, Glarus, Elm; Donner: Oberiberg. T III, 4.
	g	767	25	17^{45}–18^{20}	W E	18	36	●	K vom obern Toggenburg ins Rheintal u. Vorarlberg ziehend: Starkenbach (Urnäsch), Haag; Donner: Säntis, Altstätten, Teufen. T III, 4.
	h	766	20	18^{30}–19^{15}	W ESE	32	40	● ▲	K vom Lugnez und Valsertal ins Oberhalbstein ziehend: Vrin, Vals (0.8 m/m), Innerferrera ▲ (14.1 m/m), Thusis (1.2 m/m), Nisellas; Donner: Platta. T III, 4.
	i	767	24	19–21^{h}	W E	35	70	●	K vom Oberengadin über den schweizerisch-italienischen Grenzkamm ins Münstertal ziehend: St. Moritz, Pontresina, Bevers, Sta. Maria. T III, 4.
	k	767	18	20^{15}–21^{30}	SE NNW	32	64	● ▲²	Starkes K vom Ricken über die Schnebelhorn- und Hörnlikette ins Murgtal ziehend: Hof Oberkirch (5.0 m/m), Eschlikon, Aadorf ▲ (6.4 m/m); Donner: St. Gallen; Blitz u. Wetterleuchten: Horgen, Uster, Zürich, Opfikon, Nollen, Schaffhausen. T III, 4.
» 15	a	763	25	14–14^{30}	WNW SE	40	80	● ▲	K vom Bedrettotal ins Val Blenio ziehend: Airolo, Faido (19.8 m/m), Braggio (im NW). T III, 5.
	b	763	26	14–14^{45}	W E	24	48	●	K vom Lauterbrunner- über das Grindelwaldnertal zum Wetterhorn ziehend: Lauterbrunnen, Grindelwald, Eigergletscher. T III, 5.
	c	763	24	15^{05}–18^{h}	W NE	87	13	●² △⁰	K-Zug vom Grindelwaldnertal über Haslital ins Reusstal, im Süden bis ins Goms reichend, überall von ausserordentlich starken Niederschlägen begleitet: Grindelwald (33.8 m/m), Brienz (30.6 m/m), Meiringen, Reckingen, Gurtnellen, Göschenen, Andermatt, Altdorf (53.7 m/m), Unterschächen (79.0 m/m); Donner: Isenthal, Unterschächen. T III, 5.
	d	763	26	16^{30}–18^{30}	W E	17	70	●	K vom obern Lago maggiore ins Misox ziehend: Brissago Locarno, Bellinzona; Blitz: Lugano; Donner: Crana Torricella. T III, 5.
	e	763	25	17–20^{h}	WNW E	35	35	● ▲	K-Front von der Linie Vättis-Vals nach Osten ins Davosertal und Prättigau vorwärts schreitend: Ilanz, Vrin, Vals, Vättis, Bernhardin, Splügen ▲⁰, Reichenau, Plantahof, Tschiertschen, Thusis, Chur, Arosa, Seewis, Schiers, St. Antönien, Davos (●² u. ▲), Schatzalp, Savognin, Bivio. T III, 5.
	f	762	25	17^{10}–2^{30}	NW ESE	110	37	●² △ ▲²	Breite K-Front, die Schweiz zwischen Rheinfelden und Zurzach erreichend und über das ostschweizerische Mittelland hinweggehend, mit letzten Ausläufern zum Bodensee und ins Rheintal, an verschiedenen Orten orkanartigen Sturm verursachend: Aarau, Kulm, Zofingen ●², Baden, Schöfflisdorf, Hochfelden, Niederhasli, Opfikon, Oerlikon, Zürich (18^{08}–18^{15} ●² und ▲⁰, K-Sturm), Zollikon ▲⁰, Winterthur, Kollbrunn, Uster (K-Sturm ▲², „Körner wie Haselnüsse", Blitzschläge; in „Auslikon wurden 342 Bäume entwurzelt"), Wald, Thalwil, Horgen, Pfannenstiel, Sihlwald ▲⁰, Muri ▲, Mettmenstetten (orkanartiger K-Sturm ohne Regen), Schönenberg, Zug (41,0 m/m), Lorzentobel, Aadorf, Frauenfeld, Thundorf, Sulgen, Eschlikon, Nollen, Bischofszell, Flawil, Degersheim, Herisau, Eschenz, Kalchrain, Kreuzlingen, Ebnat, Starkenbach, St. Gallen, Schwäbrig, Rorschach, Sevelen, Haag, Weesen, Wallenstadt, Sargans; Donner: Reigoldswil, Langenbruck, Kölliken, Grüningen; Wetterleuchten: Schaffhausen. T III, 5.
	g	762	28	17^{30}–19^{h}	NW E	27	27	● ▲²	Heftiges K vom Oberelsass über Basel nach dem Wiesental ziehend, begleitet von einem orkanartigen Sturm und starkem Hagel, überall, besonders aber im nordwestlichen Stadtteil von Basel und im Wiesental bedeutenden Schaden und Verheerungen anrichtend (vergleiche Ergänzungen), Niederschlagsmengen gering: Basel ▲² (Körner bis 15 m/m Durchmesser und 30 Gramm Gewicht), Binningen, Riehen, Augst, Arisdorf, Möhlin, Böckten, Diegten, Kilchberg; Donner: Wintersingen. T III, 5.

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Aug. 15	h	763	24	17^{15}–18^{h}	SW	NE	12	24	●	Starkes K vom Linth- ins Sernfttal, über dem Quellgebiet der Linth stagnierend: Glarus (34.4 mm), Linthal (54.8 mm), Elm (39.2 mm); Donner: Klöntal. **T** III, 5.
	i	763	26	17^{20}–17^{55}	WNW	E	66	88	●^{2}	K vom Bielersee ins untere Entlebuch ziehend: Aarberg, Burgdorf, Entlebuch, Buchsteg. **T** III, 5.
	k	763	24	17^{30}–17^{45}	W	ENE	73	73	●	K vom Quellgebiet der Saane den Berner Hochalpen entlang ins obere Haslital ziehend: Gsteig, Lauenen, Boltigen, Adelboden, Frutigen, Lauterbrunnen, Grindelwald, Guttannen (6.9 mm, nur K). **T** III, 5.
	l	762	25	18^{26}–20^{30}	WSW	ENE	64	53	● ▲	K-Zug vom Bergell über das Oberengadin ins Unterengadin und ins Münstertal, im Süden bis zur Disgraziagruppe u. ins Puschlav reichend: Vicosoprano, Sils Maria, St. Moritz, Bevers, Pontresina, Bivio, Scarl, Sta. Maria, Brusio. **T** III, 5.
	m	763	24	18^{45}–21^{10}	SW	NE	58	29	●	Leichtes K vom Val St. Imier über das Birstal zum Rhein und untern Wiesental ziehend: Mont Soleil, Bellelay, Therwil, Pfeffingen, Basel, Rheinfelden; Donner: Mormont, Liestal, Wintersingen, Bennwil. **T** III, 5.
	n	764	24	19–23^{h}	NW	E	125	50	●^{2}	Breite K-Front vom südöstlichen Genfer Jura über den Genfer-, Waadtländer- und Neuenburger Jura das westschweizerische Mittelland u. den Genfersee erreichend, und dann nach SE ziehend mit letzten Ausläufern bis zu den westlichen Urneralpen und ins Wallis; im ganzen Gewittergebiet von zahlreichen Niederschlägen, heftigen elektr. Entladungen und Blitzschlägen begleitet (vergl. Ergänzungen): Genf, Gingins (sans pluie), Le Sentier, Vallorbe, St. Sulpice, La Brévine, Les Brenets, La Ferrière, Chaux-de-Fonds, L'Auberson, Baulmes, Ponts de Martel, Lausanne, Corcelles ●^{0}, Yverdon, Serrières ●^{0}, Chaumont, Romont, Marsens, Clarens ●^{2}, Leysin (59.5 mm), Dailly, Martigny, Sitten (14.7 mm), Visp, Kippel, Payerne, Freiburg, Murten, Burgdorf, La Valsainte, Jaun, Château d'Oex, Kiental, Grindelwald, Thun (45.8 mm), Beatenberg, Heiligenschwendi, Interlaken, Flühli, Lungern, Entlebuch, Pilatus (60.6 mm), Stans (43.5 mm) Gotthard. **T** III, 5.
	o	764	22	20^{20}–21^{45}	NW	ESE	80	80	●^{2}	K-Zug vom Weissenstein zum Zugersee und zu den Schwyzeralpen, in der Gegend von Einsiedeln mit ausserordentlich starken Niederschlägen, heftigen Entladungen und einer Reihe von Blitzschlägen, die allein in Egg drei Scheunen und ein Wohnhaus entzündeten (vergl. Ergängzungen!): Biel, Weissenstein, Olten, Herzogenbuchsee, Hitzkirch (6 mm), Werthenstein (Blitzschläge s. d.), Küssnacht (56.0 mm), Weggis (71.1 mm), Rigi (95.0 mm), Rickenbach (60.9 mm), Altdorf, Lungenstutz (62 mm), Walchwil (102.3 mm), Willerszell (71.0 mm, Blitzschläge s. d.), Oberiberg (48.0 mm), Vordertal (80.9 mm), Lachen 34.8 mm), Küsnacht, Männedorf; Donner: Horgen. **T** III, 5.
	p	763	12	20^{30}–22^{h}	NE	SW	12	—	●	K vom Rheintal über den Säntis ins Obertoggenburg ziehend, die ganze Nacht andauernd: Appenzell, Teufen, Herisau, Urnäsch, Säntis (51.5 mm). **T** III, 5.
	q	764	22	20^{40}–22^{30}	SW	NE	28	56	●^{2}	K vom unteren Thurtal zum Rhein und Untersee ziehend: Diessenhofen, Stein a. Rh., Steckborn, Haidenhaus, Kreuzlingen; Donner: Hallau, Schleitheim, Rheinau; Wetterleuchten: Schaffhausen. **T** III, 5.
» 18	a	760	19	19^{30}–21^{52}	NNW	SE	48	32	● ▲^{0}	K-Zug vom Rhein zwischen Kaiserstuhl und unterem Bodensee ins Mitteltoggenburg und Rheintal: Hochfelden, Opfikon, Uster, Sternenberg, Frauenfeld, Steckborn, Haidenhaus, Kreuzlingen, Sulgen, Aadorf, Thundorf, Eschlikon, Nollen, Bischofszell ▲^{0}, Ebnat, Degersheim, Herisau, Urnäsch, Hundwil, St. Gallen, Arbon, Teufen, Schwäbrig, Rorschach, Altstätten; Donner: Hallau, Wil, Horgen. **T** III, 6.
	b	769	12	21^{30}–23^{h}	NW	SE	12	—	● ▲	Kleines K über den Schanfigg: Chur, Arosa ▲; Blitz: Seewis, Schiers; Donner: Reichenau. **T** III, 6.
» 21	a	763	19	16–19^{h}	NW	SE	56	30	●	Lückenhafte K-Front über den Jura bis zur Linie Möhlin-Herzogenbuchsee-Grosshöchstetten vorwärts schreitend: Genf, Cossonay, Lausanne, Bellelay (22.7 mm), Dombresson, Murten, Aarberg, Burgdorf (23.3 mm), Herzogenbuchsee, Lampenberg, Reigoldswil, Waldenburg, Bennwil, Kilchberg, Augst, Arisdorf, Möhlin, Grosshöchstetten, Wasen, Hochfelden; Donner: Nyon, Mormont, Bern, Kölliken. **T** IV, 1.
» 22	a	761	16	4–6^{55}	NW	E	90	35	● ▲^{2}	K-Front von Genf bis Basel in der Richtung des Jura die Schweiz treffend, doch nur lückenhafte Entladungen auslösend, mit letzten Ausläufern ins Berner Oberland und Tösstal: Gingins, St. Cergue, Longirod, Le Sentier, Vallorbe, Les Brenets, Chaux-de-Fonds, Romainmôtier, Yverdon, Corcelles, Moudon, Romont, Payerne, Marsens, Freiburg, Gsteig, Boudry, Serrières, Neuchâtel, Chambrelien, Valangin, Chaumont, Mont Soleil, Augst, Liestal, Rheinfelden, Allerheiligenberg, Aarau, Werthenstein (●^{2}, ▲^{2}, 15 mm nur K; Hagelkörner bis 16 mm Durchmesser), Burgdorf, Büren, St. Urban, Luthern, Entlebuch, Hitzkirch, Baden, Zollikon, Horgen, Uster, Hinwil, Grüningen; Donner: Clarens, Bern, Langenbruck. **T** IV, 2.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Aug. 22	b	761	15	$5–7^{45}$	W	E	65	52	●	K-Zug vom Waadtländer Jura ins Saane- u. untere Rhonetal: L'Auberson, Baulmes, La Brévine, Chaux-de-Fonds, La Ferrière, Romainmôtier, Yverdon, Corcelles, Moudon, Romont, Payerne, Valangin, Boudry, Serrières, Neuchâtel, Murten, La Valsainte, Leysin, Dailly. **T** IV, 2.
	c	761	15	$6^{10}–8^{15}$	NW	E	107	72	●²	K-Zug vom Oberelsass und Wiesental über den Rhein zum Randen, Töss- und Glattal, Zürich- und Zugersee, im Aaretal ohne elektr. Entladungen: Basel, Riehen, Pfeffingen, Wintersingen, Diegten, Bötzberg (7 m/m, nur K), Böttstein, Zurzach, Schleitheim (0.1 m/m), Schöfflisdorf, Muri, Mettmenstetten, Lorzentobel, Schönenberg, Sihlwald ●², Thalwil ●², Küsnacht ●², Männedorf, Niederhasli, Opfikon, Zürich, Uster, Bauma, Winterthur, Andelfingen, Aadorf; Donner: Wil, Rheinau. **T** IV, 2.
	d	762	26	$16^{45}–19^{h}$	NW	SE	14	26	●	Kleines K vom Wehntal zum Albis: Niederhasli, Zürich (im W, ●²). **T** IV, 2.
» 24	a	762	24	$17^{30}–19^{h}$	NW	SSE	20	28	●	K vom untern Tessintal zum Luganersee mit starken elektr. Entladungen: Locarno, Braggio, Bellinzona, Crana Torricella, Ponte Tresa, Mte. Bré.
	b	761	20	$18–19^{h}$	NW	ESE	56	50	●▲⁰	K aus dem Valsertal ins Oberengadin ziehend: Vals, Splügen ▲⁰, Bivio, St. Moritz, Bevers, Pontresina; Donner: Arosa; Wetterleuchten: Davos.
» 31	a	761	16	$18–19^{15}$	NNE	SW	63	51	●² ▲²	K vom Bernhardin und Lukmanier zum Langen- und Luganersee ziehend: Bernhardin, Olivone, Braggio, Locarno ▲² ●², Ponte Tresa, Generoso; Donner: Platta, Splügen. **T** IV, 3.
	b	763	11	$18^{10}–14^{h}$	SW	NNE	57	60	●²	K vom obern Reusstal über Oberalpstock und Tödi ins Linthal ziehend, von starken Niederschlägen begleitet: Gotthard (121.1 m/m), Andermatt, Gurtnellen (49.0 m/m), Unterschächen, Linthal (35.7 m/m), Weesen (28.4 m/m); Donner: Göschenen, Oberiberg. **T** IV, 3.
	c	763	11	$19–2^{h}$	WNW	E	86	27	●²	K-Zug vom Valsertal über das Quellgebiet des Hinterrheines ins Engadin u. Münstertal: Vals, Thusis, Arosa, Splügen, Bernhardin, Vicosoprano, Bivio, St. Moritz, Bevers, Pontresina, Scarl. Sta. Maria; Donner: Platta, Reichenau. **T** IV, 3.
Sept. 1	a	763	18	$17^{55}–18^{30}$	SW	ENE	18	36	●△	K vom Blauen zum Dinkelbergplateau: Pfeffingen △, Möhlin; Blitz: Basel; Donner: Lampenberg.
» 11	a	766	21	$19^{30}–22^{h}$	SE	NW	34	15	●△	K vom Misox ins obere Tessintal ziehend: Locarno (im E), Grono, Braggio (im S), Faido, Bernhardin, Crana Torricella: Donner; Blitz: Platta.
» 12	a	764	24	$14^{30}–14^{45}$	W	E	14	28	●	K im Quellgebiet der Ergolz: Liestal (im S), Kilchberg; Donner: Pfeffingen, Reigoldswil, Langenbruck, Wintersingen. **T** IV, 4.
	b	765	22	$15–16^{45}$	SW	ENE	65	44	●	K vom Chasseron ins Val St. Imier ziehend: L'Auberson, La Brévine, Chaux-de-Fonds, Neuchâtel, Mt. Soleil; Donner: Nyon, Longirod, Corcelles. **T** IV, 4.
	c	764	25	$13^{1}/_{2}–21^{h}$	NW	SE	42	24	●▲	K-Zug vom südöstlichen Schwarzwald ins Thur-, Töss-, Glattal und zum Zürich- u. Zugersee, mit einem Ausläufer zum Vierwaldstättersee: Schleitheim, Schaffhausen, Hallau, Wilchingen, Frauenfeld, Aadorf, Opfikon ▲, Oerlikon, Thalwil, Mettmenstetten, Sihlwald, Männedorf, Uster, Lachen, Lorzentobel, Luzern (▲●², 17.5 m/m K); Blitz u. Donner: Sarnen; Donner: Wil, Rheinau, Schöfflisdorf, Zürich, Zollikon, Horgen. **T** IV, 4.
» 17	a	763	12	$1–3^{50}$	SW	NE	—	—	●	K im Val de Travers: Vallorbe, L'Auberson, Baulmes, Yverdon, Les Ponts.
	b	763	13	$4^{45}–6^{30}$	NW	ESE	38	30	●	K vom Oberelsass zur Staffelegg und Aare: Augst, Wintersingen, Diegten, Aarau (leicht); Donner: Basel, Langenbruck, Zurzach.
» 21	a	758	14	$11^{05}–11^{30}$	NNW	SE	14	56	●△▲²	K-Sturm vom Oberelsass zum Blauen und untern Birstal: Basel, Pfeffingen, Augst, Rheinfelden, Bellelay; Donner: Arisdorf, Wintersingen ▲², Liestal ▲.
Okt. 13	a	752	10	$1–1^{30}$	W	NE	52	52	●	Nacht-K vom untern Ergolztal rheinaufwärts zum südöstlichen Schwarzwald und Randen ziehend: Liestal, Rheinfelden, Wintersingen, Schleitheim (im SW); Donner: Basel, Hallau, Schaffhausen. **T** IV, 5.
	b	754	18	$13–14^{40}$	SW	NE	48	64	●²	K vom Mt. Tendre ins Val de Travers: Cossonay, Corcelles, L'Auberson, Romont, La Brévine, Les Ponts; Donner: Nyon, Le Sentier, Boudry. **T** IV, 5.
	c	755	18	$19^{25}–22^{3}/_{4}^{h}$	WNW	SE	52	26	●² ✳	K vom Valsertal über das Hinterrheintal ins Engadin ziehend, stellenweise begleitet von heftigem Regen und Schneefall in den höheren Lagen: Platta (✳ ●², 41.7 m/m), Vrin (✳ bis 1100 m), Vals (56.2 m/m), Thusis, Davos (2^{h} früh K, morgens 10.5 cm Schnee), Albula ✳, Vicosoprano (64.7 m/m), Bevers (38.5 m/m); Blitz u. Donner: Sils Maria; Donner: Arosa. **T** IV, 5.
» 26	a	759	18	$14^{30}–16^{50}$	W	ENE	88	29	●▲	K-Zug vom Zuger- über Zürichsee u. Toggenburg zum Sitter- u. Rheintal: Luzern, Zug, Sattel, Sihlwald, Horgen, Männedorf, Uster, Urnäsch, Säntis, Schwäbrig ▲, Altstätten, Heiden, Rorschach; Donner: Mettmenstetten, Teufen. **T** IV, 6.
	b	759	16	$15^{15}–16^{45}$	WSW	ENE	46	46	●	K vom Vierwaldstättersee über das Quellgebiet der Sihl und Wäggitaler Aa zum Wallensee ziehend: Gersau, Sattel, Willerszell, Einsiedeln, Weesen. **T** IV, 6.

Ergänzungen zu der tabellarischen Uebersicht.

a) Weitere Bemerkungen:

März 1. Litt. a. Langenbruck: 16^{30}–17^{h} Donner; Wintersingen: 16^{30} im SW; Wittnau: 16^{50} im NW („abwechselnd Regen und Riesel"): Aarau: 16^{55} K mit ▲ von 17–17^{10} („ mitten im Regenwetter ein regelrechtes K mit △ und ▲ bis Haselnussgrösse"). **28.** Litt. a. Hinwil: 16^{55}–17^{55} K („in Dürnten heftiger Gewitterregen und Hagel"); Altdorf: 18^{45} K; Tagessummen der Niederschläge in mm: Mettmenstetten 2.9, Pfannenstiel 3.2, Grüningen 3.2, Hinwil 1.5, Walchwil 12.2, Küssnacht 15.4, Weggis 6.2, Lachen 9.6, Rickenbach 3.6, Isental 12.3, Altdorf 2.7. Litt. b. Aadorf: 18^{h} K im NE; St. Gallen: Donner 15^{10} und 18^{14} („beim ersten Donner geringfügiger, beim zweiten Donner kein Regen"). **31.** Litt. a. Lausanne: 23^{38}–24^{18} K (die „Gazette de Lausanne" berichtet unter „La foudre au champ de l'air": „Durant le grain orageux de la nuit de samedi à dimanche la foudre a frappé le champ de l'air, chauffée et courbé l'un des paratonnerres du bâtiment. Par contre l'antenne et les mâts du poste de télégraphie sans fil, bien que hauts de 47 m n'ont souffert en aucune manière."); Corcelles: orage à minuit; Leysin: 0^{45} K („✳ 2 %m"); Château d'Oex: 0^{30}–2^{h} K („✳ 2 %m"); Marsens: 1^{20} K; La Valsainte: 0^{30}–1^{19} Donner; Tagessummen der der Niederschläge in mm: Lausanne 0.2, Leysin 5.7, Moudon 9.0, Marsens 7.0, La Valsainte 8.2.

April 12. Litt. a. Genf 15^{58} K; Lausanne: K im S und SW von 16^{20}–16^{35}; Romont: K vers 17^{h}; Ponts de Martel: 17^{15} K im SW-NE; La Chaux-de-Fonds: 17^{15}–17^{30} K; La Ferrière: 17^{34} K („à 17^{43} le foudre tombe sur la barrière en fil de fer barbelé longeant le chemin du stand à 150 m de l'observatoire au SSE de la station; 14 des piquets de cette barrière sont plus ou moins déchiquetés.") Bellelay: 18–$18^{1}/_{4}^{h}$ heftiges K aus W; Therwil: K aus der Gegend der Ajoie nach Basel und dem Schwarzwald ziehend; Basel: 18^{48} K; Kölliken: $18^{1}/_{2}$–19^{h} K vom Süden über die Station nach Norden ziehend („Temperatur vor dem K 17°, nachher 13°"); Aarau: 18^{50} heftiges K mit Sturm und Sturzregen. Tagessummen der Niederschläge in mm: Genf 11.9, Nyon 32.4, Lausanne 10.1, Baulmes 22.7, Moudon 21.8, Romont 12.5, La Brévine 28.5, Les Ponts 18.7, Chaux-de-Fonds 33.7, Payerne 23.6, Neuchâtel 22.8, Mt. Soleil 29.7, Biel 17.9, Choindez 15.8, Basel 19.2, Riehen 15.0, Rheinfelden 12.3, Wintersingen 10.7, Aarau 3.6. **13.** Litt. a. Bellelay: 15–$15^{1}/_{2}^{h}$ K aus W mit △; Basel: $16^{1}/_{4}$–16^{20} Donner („K zog vorüber im SW nach Süden längs des Jura"); Wintersingen: 16^{12}–16^{26} Donner („K zog vorüber im S nach SE"); Aarau: 16^{55} starkes K teilweise im Norden vorbei („17^{h} starker Platzregen mit ▲ bis Erbsgrösse vermischt: Schaden an blühenden Bäumen"); Kölliken: 16^{55}–17^{40} zieht im N ein K vorüber; Zürich: 17^{10} u. 17^{20} Donner im W. Tagessummen der Niederschläge in mm: Bellelay 4.0, Liestal 4.9, Wintersingen 8.5, Aarau 9.8. **23.** Litt. b. Opfikon: 15^{46} K mit starkem ▲ von 16–16^{10} („Blätter am Boden, Hagelkörner wie grosse Bohnen, auch in Seebach; K kam aus W und zog nach SSE"); Affoltern b. Zürich: K 16–17^{h} K mit ▲ („Gemüse in den Gärten zerhackt, ebenso im Thurtal"). Zürich: 16^{16} K aus WNW ($16^{1}/_{2}^{h}$ < und Donner im Zenith); Uster: 16^{38} K (▲ 16^{46}–16^{50}, △ 16^{30}–16^{55}). Litt. d. Rheinau: 10^{58} Donner im NE; Schaffhausen: $16^{3}/_{4}^{h}$ (1.5 mm); Lohn: 17^{h} K mit heftigem Regen und Riesel; Diessenhofen: 18^{h} K ohne Regen.

Mai 3. Litt. a. Schaffhausen: 13–15^{h} Donner im N u. E; Diessenhofen: 13^{h} K; Stein a. Rh.: $13^{1}/_{2}$–$14^{1}/_{2}^{h}$ Donner und K mit starkem Hagelschlag von 14–14^{10} („Schlossen bis Erbsengrösse, K kam aus SW und zog nach SE"); Frauenfeld: $14^{1}/_{4}^{h}$ Gewitterbeginn; Aadorf: 13–16^{h} starkes K im N u. E; Bischofszell: 14^{h} K; Nollen: $14^{1}/_{4}^{h}$ K; St. Gallen: 14^{30} K ("von 14^{42}–15^{20} Tropfen, dann leichter Regen bis 15^{26}; K kam aus NW und zog nach S"); Altstätten: $14^{1}/_{2}$–15^{h} Donner. Tagessummen der Niederschläge in mm: Lohn 8.0, Diessenhofen 11.0, Eschenz 23.2, Haidenhaus 2.6, Kalchrain 11.8, Kreuzlingen 2.0, Frauenfeld 3.9, Aadorf 1.0, Bischofszell 2.7, Nollen 0.6, St. Gallen 0.0, Teufen 1.6, Herisau 0.2, Urnäsch 0.4, Degersheim 14.2, Ebnat 7.6. Litt. b. Opfikon: $14^{3}/_{4}^{h}$ K, 0.2 mm („hier nur Rand, schon 1–2 km östlich starke Niederschläge und ▲ mit haselnussgrossen Körnern"); Zürich: 14^{50} u. 15^{h} Donner im NE („K zieht vorüber von W nach NE"); Hinwil: Temperatur vor dem K 21°, nachher 19°. Litt. e. Linthal: 10^{40} K; Elm: 17–$17^{3}/_{4}^{h}$ K; Vättis: $17^{1}/_{2}^{h}$ K; Sargans: 17^{30}–18^{30} Donner. Tagessummen der Niederschläge in mm: Linthal 1.4, Elm 8.2, Vättis 2.4, Sargans 0.8, Schiers 1.1, Arosa 3.8. Litt. f. Beatenberg: 17^{h} K aus NW mit △ (9.5 mm); Interlaken: 17–18^{h} K (1.7 mm); Sarnen: 17^{h} Donner; Brienz: 18–19^{h} K; Lauterbrunnen: 18–20^{h} K. Litt. h. Kiental: $18^{1}/_{2}$–$19^{1}/_{2}^{h}$ Blitz und starke Donnerschläge, nachts fernes Wetterleuchten; Adelboden: $19^{1}/_{2}$–$21^{1}/_{2}^{h}$ K mit heftigen elektrischen Entladungen; Visp: 20–21^{h} Donner; Siders: gegen 21^{h} Donner im NE. Tagessummen der Niederschläge in mm: Boltigen 0.1, Frutigen 3.7, Leukerbad 3.4. **21.** Litt. d. Säntis: Regen, ✳ und ▲ $17^{1}/_{4}$–$17^{1}/_{2}^{h}$ (1.0 mm). **24.** Litt. b. Waldenburg: 14^{h} K; Wintersingen: 14–14^{37} Donner im SW: Kölliken: 14^{55} K aus W („14^{45}–14^{47} sehr starker Regen mit vielen kleinen Eiskörnchen, $1^{1}/_{2}$ Stunden nachher sind noch Häufchen von Riesel zu finden; in Unterentfelden kein Regen, in Safenwil viel stärker als in Kölliken, Eiskörner von 5–7 mm Durchmesser, Schaden in Gärten."); Aarau: 14^{40} längerer K-Zustand mit herrlichem Regen; Böttstein: 15^{04} zweimal Donner im S; Horgen: $15^{1}/_{4}$–16^{h} Donner im W; Oerlikon: $15^{1}/_{2}$–16^{h} K; Zürich: K 15^{50} von NW nach SE („ab $15^{1}/_{2}^{h}$ Gewitterregen, $15^{3}/_{4}^{h}$ Böen, 15^{45}–15^{55} ca. fünfzehnmal Blitz und Donner, teilweise stark und mit Blitzschlägen", vergl. diese!); Zollikon: 15^{48}–16^{10} heftiges K mit Blitzschlag; Uster: $16^{1}/_{4}^{h}$ K. Tagessummen der Niederschläge in mm: Wittnau 7.4, Aarau 12.2, Kölliken 15.1, Mettmenstetten 8.7, Sihlwald 9.0, Horgen 11.0, Schöfflisdorf 13.9, Niederhasli 11.0, Oerlikon 9.1, Zürich 17.1, Zollikon 12.7, Uster 12.0, Hinwil 12.8. Litt. b1. Münster: 16^{h} K: Luzern: 17^{h} K; Sarnen: $17^{1}/_{4}^{h}$ Blitz und Donner: Engelberg: 18^{h} zweimal Donner; Isental: $18^{3}/_{4}^{h}$ Donner. Tagessummen der Niederschläge in mm: Münster 7.8, Entlebuch 9.6, Buchsteg 23.1, Luzern 16.6, Isental 14.3, Rickenbach 21.8. Litt. c. Tagessummen der Niederschläge in mm: Jaun 10.8, La Valsainte 46.3, Thun 14.2, Grosshöchstetten 17.0. Litt. d. Tagessummen der Niederschläge in mm: Le Sentier 12.0, Lausanne 27.3, L'Auberson 8.6, Corcelles 12.4, Yverdon 24.8, Romont 3.8, Boudry 30.3, Serrières 30.8, Chaumont 15.5. **31.** Litt. a. Lausanne: orages à SW et SE dès 13^{37}: Freiburg: 20^{h} K mit ▲ von 20–20^{08} („Hagelkörner von 15–25 mm Durchmesser, den Boden dicht bedeckend; Schaden in Gärten und an Obstbäumen; in Chivisiez, 2 km westlich, hatten die Hagelkörner einen Durchmesser von 40 mm. die Strassen noch am folgenden Morgen damit bedeckend; Temperatur während des Hagels 4°; der Westwind sprang unmittelbar vor Einsetzen des Hagels von NE nach SW um; der Hagelzug ging von Belfaux nach Düdingen, die östliche Grenze lief über die Stadt, die südlichen Stadtteile blieben verschont; schon 18^{50} hörte man ein offenbar vom Hagel herstammendes Geräusch, dem Rauschen eines Wasserfalles gleichend"); Les Ponts: 20^{h} K; Murten: $20^{3}/_{4}^{h}$ K; Chaux-de-Fonds: $20^{1}/_{4}$–22^{h} K; La Ferrière: 20^{54} K („Le gros de l'orage passe plus au sud nous en avons le bord nord; St. Urban: 22^{h} Weststurm, 22^{30}–23^{h} starkes K; Therwil: K kam aus der Gegend der Ajoie; Kölliken: nach 23^{h} K von Westen mit starkem Wetterleuchten bei schwachen Entladungen; Aarau: 23^{35} K („längerer Gewitterzustand mit Sturm"); Böttstein: 24^{h} leichtes K; Katzensee: 0^{15} K; Uster: 0^{30} K-Sturm. Tagessummen der Niederschläge in mm: Genf 12.7, Le Sentier 16.4, Corcelles 17.6, Moudon 16.7, Marsens 16.2, Yverdon 20.0, Baulmes 19.0, L'Auberson 18.6, St. Sulpice 22.0, Les Ponts 15.7, Murten 21.7, Neuchâtel 12.0, Chaux-de-Fonds 16.4, Aarberg 37.0, Mt. Soleil 21.3, Bellelay 22.5, Mormont 26.5, Choindez 23.2, Mervelier 28.5, Niedergerlafingen 38.4, Möhlin 31.1, Kölliken 22.9, Hochfelden 14.4.

Juni 2. Litt. a. Zurzach: 9^{10}–10^{h} K („zog vorüber im Norden nach NE zum südlichen Schwarzwald“); Schleitheim: 9–$10^{1}/_{4}{}^{h}$ K SSW–E, $9^{3}/_{4}{}^{h}$ im Zenith mit △; Wilchingen: 8^{50}–12^{h} W–NE; Schaffhausen: 11^{h} K. Tagessummen der Niederschläge in mm: Schleitheim 13.4, Wilchingen 9.6, Hallau 9.1, Schaffhausen 6.5, Lohn 10.0. Litt. b. Diessenhofen: $10^{1}/_{2}{}^{h}$ K; Steckborn: $10^{3}/_{4}$–14^{h} K; Rheinau: $11^{1}/_{2}{}^{h}$ K NE–SW, 2 km im SW vorbei; Schöfflisdorf: $12^{1}/_{4}{}^{h}$ Donner; Winterthur: $11^{3}/_{4}$–12^{h} K mit ▲; Uster: $12^{1}/_{2}{}^{h}$ Donner im NE („Uster scheint am östlichen Ende des Gewitters gelegen zu haben“). Tagessummen der Niederschläge in mm: Steckborn 7,9, Kalchrain 6.1, Niederneunforn 11.8, Frauenfeld 0.9, Rheinau 3.0, Winterthur 29.0, Aadorf 2.1, Fehraltdorf 5.6, Bauma 19.5, Sternenberg 5.6, Nollen 0.5, Wald 3.2. **3.** Litt. a. L'Auberson: 13^{h}; Chaux-de-Fonds: $13^{1}/_{4}{}^{h}$ einmal Donner; La Ferrière: 13^{32}–14^{50} Donner („l'orage passait dans le Sud Est, région des lac de Neuchâtel et Bienne“). Tagessummen der Niederschläge in mm: L'Auberson 12.2, Baulmes 16.6, Corcelles 0.8, Moudon 8.0, Yverdon 9.4, Serrières 1.2, Neuchâtel 14.0, Dombresson 8.9, Mt. Soleil 5.8. Litt. b. Kiental: 15^{h} K („strichweise etwas ▲“); Beatenberg: 16^{h} K (10.0 mm). Litt. c. Pfeffingen: $16^{3}/_{4}{}^{h}$ K; Therwil: 16^{50}–17^{45} K („kam aus dem Birstal, aus der Gegend von Delsberg und zog dem Blauen entlang über das Gempenplateau“); Basel: 16^{58}–17^{30} Donner („K zog vorüber im SW nach SE in ca. 10 km Distanz“); Augst: 16–18^{h} Donner; Liestal: $17^{1}/_{4}{}^{h}$ aus SW; Wintersingen: 17^{02}–17^{38} Donner („K zog vorüber im NW nach NE; Temperatur vor dem K 19.4°, nachher 16.6°“). Litt. d. Luzern: 16^{50} kleines K; Weggis: $17^{1}/_{4}{}^{h}$ K; Walchwil: 18^{h} K mit ▲; Rickenbach: $18^{1}/_{4}{}^{h}$ K; Einsiedeln und Willerszell: $18^{1}/_{2}{}^{h}$ Donner. Tagessummen der Niederschläge in mm: Entlebuch 4.6, Buchsteg 12.7, Luzern 9.8, Stans 3.4, Küssnacht 14.0, Weggis 6.7, Walchwil 18.9, Sattel 13.4, Schönenberg 7.5, Rickenbach 2.8, Willerszell 5.2, Euthal 11.8. Litt. e: Tagessummen der Niederschläge in mm: Weesen 5.0, Glarus 3.8, Linthal 3.9. Litt. f. Les Ponts: 19^{55} K SW–NE („Pluie 6 mm, mélangée de petite grêle de la grosseur de gros pois“); La Ferrière: 21^{54} K (0.1 mm). Litt. g. Murten: 21^{h} K SW–E; Burgdorf: $20^{3}/_{4}{}^{h}$ u. $21^{1}/_{2}{}^{h}$ K („erster Regen mit ▲ vermischt, jedoch nur einige Minuten dauernd“); Wasen i. E.: $21^{1}/_{2}$–$22^{1}/_{2}{}^{h}$ K aus W; Luzern: 23^{h} K; Uster: $23^{3}/_{4}{}^{h}$. Tagessummen der Niederschläge in mm: Murten 4.0, Niedergerlafingen 13.7, Burgdorf 6.7, Wasen i. E. 11.5, St. Urban 3.8, Hitzkirch 5.4, Luzern 9.8, Sihlwald 9.1, Horgen 8.2, Männedorf 3.1, Pfannenstiel 6.0, Uster 5.7. **4.** Litt. a. Aarau: Gewittererscheinungen mitten im Regenwetter; Zürich: 16^{26} K W–E („Platzregen 10^{22}–10^{26}); Uster: $10^{1}/_{2}{}^{h}$ K; Winterthur: 9–13^{h} K. Tagessummen der Niederschläge in mm: Aarau 9.6, Schöfflisdorf 6.9, Hochfelden 7.8, Zürich 14.8, Oerlikon 12.4, Hinwil 16.1, Winterthur 10.2. Litt. b. Lugano: $13^{1}/_{2}{}^{h}$, 14, 15, 16, $18^{1}/_{2}{}^{h}$ K; Mte. Bré: $14^{1}/_{2}$–$15^{1}/_{2}{}^{h}$ K. Tagessummen der Niederschläge in mm: Locarno 11.8, Crana Torricella 44.1, Lugano 48.2, Mte. Bré 44.6, Generoso 25.0. **14.** Litt. a. Tagessummen der Niederschläge in mm: Steckborn 2.1, Kreuzlingen 0.5, Bischofszell 10.7, Arbon 10.1. **16.** Litt. a. Westlicher Abschnitt: L'Auberson: $16^{1}/_{4}{}^{h}$ K; Chaux-de-Fonds: 16–18^{h} K; Neuchâtel: orages au NW et au SW de $16^{1}/_{4}$–$17^{1}/_{2}{}^{h}$; Dombresson: pluie et grêle de 16^{15}–16^{35}; Freiburg 17^{25}–17^{30} K; Marsens: K („Schnee bis 900 m“); Lauenen: p K-Sturm („in den Höhen Schneefall“): Leysin: $17^{1}/_{2}$–$18^{1}/_{2}{}^{h}$ K. Tagessummen der Niederschläge in mm: Vallorbe 18.8, Le Sentier 22.8, St. Cergue 20.4, Gingins 11.9, Longirod 19.4, L'Auberson 17.7, Chaux-de-Fonds 15.9, Nyon 14.0, Genf 5.2, Yverdon 4.1, Boudry 16.6, Neuchâtel 2.9, Chaumont 2.5, Dombresson 18.9, Mt. Soleil 14.4, Mormont 18.1, Romont 7.6, Payerne 10.4, Murten 9.5, Biel 8.8, Burgdorf 8.6, Marsens 13.5, Lauenen 15.0, Clarens 11.4, Leysin 15.1, Martigny 15.8, Sitten 3.6, Gd. St. Bernhard 18.8. Centraler Abschnitt: Langenbruck: 16^{40} K mit ▲ von 16^{40}–16^{45}; Rheinfelden: $16^{3}/_{4}{}^{h}$ K; Wintersingen: 16^{36}–16^{55} K („Temperatur vor dem K 14.2°, nachher 10.0°“); Kölliken: 17^{20}–17^{30} K östlich und südöstlich („sieben Entladungen“); Burg: $17^{1}/_{2}{}^{h}$ K. Tagessummen der Niederschläge in mm: Rheinfelden 32.8, Langenbruck 9.8, Möhlin 12.6, Wintersingen 14.1, St. Urban 14.8. Oestlicher Abschnitt: Diessenhofen: $16^{1}/_{2}{}^{h}$ K; Frauenfeld: 17^{h} K-Beginn mit etwas ▲; Nollen: 17^{40} K; St. Gallen: 18^{10} K („kam aus Westen und hörte über der Station auf“); Säntis: 18^{47} K. Tagessummen der Niederschläge in mm: Diessenhofen 5.4, Niederneunforn 9.8, Frauenfeld 9.9, Steckborn 9.4, Altnau 18.5, Nollen 8.0, Ebnat 27.4, Säntis 45.9, Altstätten 12.9. **25.** Litt. b. Payerne: 14–16^{h} orages violents; Bern: 15^{40} K; Burgdorf: $16^{1}/_{4}{}^{h}$ K; Wasen i. E: $16^{1}/_{2}{}^{h}$ heftiges K mit wolkenbruchartigem Regen und Blitzschlägen (Zeitungsberichte melden: Ueber das Napfgebiet ging Montag ein furchtbarer Wolkenbruch nieder; die Langeten trat schon bei Tschäppel über die Ufer und überflutete die Felder. Bei der „Maschine“ drang das Wasser in das Gebäude ein. Ganze Klafter Holz, Kaninchenhäuser samt Tieren führte der verheerende Strom mit sich. In Niederhuttwil drang das Wasser in die Gebäude der Möbelfabrik Meer & Co. Der angerichtete Schaden an Kulturen und Gebäuden ist erheblich.“); St. Urban: 17^{10}–$19^{1}/_{4}{}^{h}$ K; Aarau: 19^{25} ruhiges K mit starkem Platzregen (8.2 mm). Litt. c. Therwil: K kam aus der Gegend des Blauen und zog nach dem Gempenplateau; Rheinfelden: 14^{40} K (0.4 mm); Liestal: $14^{3}/_{4}$–15^{h} K (0.3 mm); Waldenburg und Lampenberg: 15^{h} K. Litt. d. Gingins: $15^{1}/_{2}$–$15^{3}/_{4}{}^{h}$ K; Corcelles: orage au jorat. Tagessummen der Niederschläge in mm: Gingins 5.6, St. Cergue 0.6, St. Sulpice 1.0, Les Ponts 18.5, Boudry 8.8, Chaumont 16.9. Litt. e. Lohn: $15^{3}/_{4}$–$16^{1}/_{2}{}^{h}$ K; Haidenhaus: 16–18^{h} K im S und NNE. Tagessummen der Niederschläge in mm: Lohn 13.2, Diessenhofen 4.1, Frauenfeld 12.5, Thundorf 8.9, Kalchrain 13.5, Eschenz 9.3, Haidenhaus 11.2, Sulgen 19.5, Kreuzlingen 7.2, Rorschach 28.0. Litt. f. Werthenstein: K kam aus SE wieder zurück, während der Wind abflaute, bis es 15^{40} neu einsetzender Wind weiter nach Osten trieb; Küssnacht: K mit ●2; Glarus: $18^{1}/_{4}{}^{h}$ K im N; Temperaturfall während des Gewitters von 19 auf 16°; Pfannenstiel: 18^{h} starker Regen mit △ vermischt. Litt. g. Säntis: 16^{14} K („Telegraphenstörungen“). Litt. h. Säntis: 19–20^{h} ▲. Litt. i. Langnau: 22–23^{h} K; Werthenstein: 22^{10} K mit mehreren Blitzschlägen in der Umgebung; Rickenbach: 23–24^{h} K; Horgen: $23^{1}/_{4}$–24^{h} K mit starkem Regen; Uster: 24^{h} heftiges K. Litt. k. Schleitheim: $9^{1}/_{2}{}^{h}$ K im S; Uster: $9^{1}/_{2}{}^{h}$ K („in Egg fielen Hagelkörner“); Winterthur: 20–$21^{1}/_{2}{}^{h}$ K (29.1 mm); Steckborn: $21^{1}/_{4}$–22^{h} K (9.4 mm). **29.** Litt. a. Säntis: 11^{05} K mit ✳ von 10–17^{h} und Hagel von $9^{1}/_{4}$–10^{h}.

Juli 1. Litt. a. Horgen: 20^{h} Donner im N; Uster: 19^{45}–20^{10} Donner („0.0 mm, nur einzelne Regentropfen“); Aadorf: $19^{1}/_{2}$–20^{h} starkes K; St. Gallen: K mit Donner von 19^{30}–20^{43} und leichtem Regen; Heiden: 20^{h} K; Altstätten: 20–$20^{3}/_{4}{}^{h}$ Donner im N; Schaffhausen: 19–20^{h} Donner im SE. **8.** Litt. a. Le Sentier: à 15^{h} très violent orage au S et SE avec nombreuses et violents détonations éléctriques („téléphones arrêtés (15.6 mm); Vallorbe: 15–16^{h} K; Corcelles: p K sur Orbe. Litt. c. Brienz: 20–$22^{1}/_{2}{}^{h}$ K; Sarnen: seit $9^{1}/_{2}{}^{h}$ öfters Donner im SW. **9.** Litt. b. Tagessummen der Niederschläge in mm: Gsteig 11.7, Adelboden 9.9, Kiental 25.8. Litt. c. Tagessummen der Niedesschläge in mm: Genf 1.7, Nyon 15.9, St. Cergue 3.6, Vallorbe 1.2. Litt. d. Innerferrera: K mit mehrmaligem Hagelschlag. Tagessummen der Niederschläge in mm: Innerferrera 22.5, Andeer 5.2, Splügen 20.5, Thusis 0,1, Platta 1.5, Andermatt 3.0, Galenhütten 1.2, Göschenen 1.5, Gurtnellen 10.5, Altdorf 0,9, Isental 10.2, Engelberg 8.0, Meiringen 0.8, Pilatus 1.2, Buchsteg 2.1, Affoltern i. E. 2.4, Langnau 7.8. Litt. e. Bellinzona; $18^{1}/_{2}$–$20^{1}/_{2}{}^{h}$ K; Faido: 20–21^{h} starkes K mit heft.gen elektrischen Entladungen und Blitzschlägen. Tagessummen der Niederschläge in mm: Bellinzona 10.2, Locarno 29.2, Braggio 3.0, Comprovasco 32.8, Faido 28.4. **12.** Litt. a. Les Brenets: $15^{1}/_{2}{}^{h}$; La Ferrière: 15^{48} mit △ und ▲ („l'orage est venu du SSW et a fait un angle droit à SE; Chaux-de-Fonds: ▲ 15–$15^{1}/_{4}{}^{h}$; Chaumont: 17^{h} K; Neuchâtel: 15–$16^{1}/_{2}{}^{h}$ K au Nord; Mt. Soleil: 16–17^{h} K. **13.** Litt. a. Grächen: 15–$16^{1}/_{2}{}^{h}$ K (16.6 mm); Varen: $16^{3}/_{4}{}^{h}$ K (1.9 mm); Leukerbad: $16^{1}/_{2}$–$17^{1}/_{2}{}^{h}$ K (4.6 mm). **14.** Litt. a. Savognin: starkes K mit ▲; Davos: $19^{3}/_{4}$–$20^{1}/_{2}{}^{h}$ heftiges K ●2. Tagessummen der Niederschläge in mm: Splügen 10.0, Innerferrera 5.1, Andeer 12.6, Thusis 5.7, Tomils 2.4, Vals 1.2, Vrin 1.1. Litt. b. St. Moritz: 18-20^{h} sehr starkes K (5.8 mm); Bevers: $18^{3}/_{4}$–$19^{3}/_{4}{}^{h}$ K aus W (4.2 mm); Vicosoprano: 7.1 mm; Pontresina: 2.5 mm; Lago Scala: 10.6 mm). **15.** Litt. a. Locarno: $14^{1}/_{2}$–16^{h} K; Lugano: fortissimo temporale con grossa grandine. Tagessummen der Niederschläge in mm: Airolo 10.0, Faido 8.5, Comprovasco 24.7, Bellinzona 31.5, Locarno 20.2, Lugano 21.0, Mte. Bré 10.5. Litt. c. Zeit des Eintreffens des K: Genf 14^{h}.

Vallorbe 16^h, L'Auberson $10^1/_2{}^h$, Romont 17^h, La Brévine 17^h, Les Brenets $17^1/_4{}^h$, Leysin $17^1/_4{}^h$, Gsteig $17^1/_2{}^h$, Altdorf 18^{50}, Linthal 19^{40}, Vals $20^1/_2{}^h$, Arosa 21^{10}. Tagessummen der Niederschläge in mm: Genf 0.4, Vallorbe 5.0, Les Brenets 23.4, Romont 0.5, La Ferrière 6.0, Chaumont 3.0, Mt. Soleil 5.4, Bellelay 1.4, Leysin 2.8, Gsteig 5.5, Beatenberg 16.1, Thun 11.8, Brienz 25.1, Meiringen 8.4, Guttannen 10.9 (K allein 4.5 mm), Engelberg 13.8, Isental 31.0, Altdorf 17.5, Rigi 36.5, Rickenbach 19.5, Braunwald 26.0, Linthal 16.4, Glarus 26.4, Gurtnellen 3.6, Göschenen 9.7, Andermatt 15.3, Faido 8.5, Vals 4.7, Arosa 14.0, Reichenau 4.9, Schiers 9.1, Bernhardin 12.0, Bellinzona 31.5, Locarno 20.2, Fiesch 10.6, Reckingen 7.2. Litt. d. Teufen: $14^3/_4{}^h$ K im Alpstein; Altstätten: 14^{30}–15^h Donner im SW; Urnäsch: leichtes K. Tagessummen der Niederschläge in mm: Ebnat 12.8, Säntis 15.5, Urnäsch 11.0, Teufen 9.8, Schwäbrig 11.8. Litt. g. Zug: $16^1/_2{}^h$ leichtes K mit vereinzelten Hagelkörnern; Walchwil: 17–19^h K. Tagessummen der Niederschläge in mm: Muri 0.2, Zug 19.9, Lorzentobel 20.3, Walchwil 21.1, Hauptsee 25.5, Schönenberg 21.1, Sihlwald 7.5, Grüningen 13.0, Männedorf 14.4, Fehraltdorf 9.8, Uster 2.8, (K allein), Hinwil 11.6 (1.8 K allein), Thundorf 2.0, Affeltrangen 8.2. Litt. i. Hallau: 20^{40} K; Schaffhausen: $20^3/_4$–$21^1/_4{}^h$ K; Zürich: 21^{40}–22^{25} K; Wintersingen: 22–$22^1/_2{}^h$. Tagessummen der Niederschläge in mm: Hallau 1.7, Wilchingen 2.8, Schaffhausen 2.5, Lohn 4.8, Zürich 3.3, Uster 4.5, Bauma 9.2, Aadorf 4.8, Haidenhaus 1.5. **18.** Litt. a. Braggio: $11^1/_2$–$12^1/_2{}^h$ K (39.4 mm); Locarno: $11^1/_2$–12^h; Lugano: $14^1/_2$–15^h; Mte. Bré: 14–15^h. **19.** Litt. b. Rheinau: 16^{25} Donner; Frauenfeld: 17^h leichtes K (1.8 mm); Stein a. Rh.: 16^{40} K; Steckborn: 16^{40}–17^{20} K (6.4 mm); Kreuzlingen: $17^1/_4{}^h$ K NNW–E, 9.1 mm, („Hauptgewitterzug aus NNW kommend, spaltet sich über Konstanz in zwei Züge, von denen der eine die direkte Ostrichtung einschlägt, während der zweite sich zuerst nach Süden wendet und beim Seerücken nach Osten umbiegt"). **22.** Litt. a. Fehraltdorf: $9^1/_4$–$9^1/_2{}^h$ K; Hinwil: 10^h K („Temperaturfall von 22 auf 19°"). Tagessummen der Niederschläge in mm: Uster 2.9, Fehraltdorf 9.9, Hinwil 4.4, Bauma 12.1, Wallenstadt 2.5. Litt. b. Opfikon: („Temperaturfall während des K von 26.2 auf 21.5°"); Zürich: $17^1/_4{}^h$. Tagessummen der Niederschläge in mm: Kaiserstuhl 21.5, Hochfelden 12.0. Frauenfeld 7.6, Niederneunforn 7.2, Kalchrain 14.1, Eschenz 2.0, Haidenhaus 1.4, Eschlikon 5.3. Litt. d. Tagessummen der Niederschläge in mm: Niederhasli 11.3, Opfikon 6.5, Oerlikon 7.5, Zürich 4.6, Uster 0.7. **24.** Litt. a. Luzern: 10^h Donner; Rickenbach: $10^1/_4{}^h$ K; Glarus: 11^h K. Litt. d. Kölliken: 15^h Beginn eines Gewitters östlich der Station, zieht dann nach Osten; Horgen: 14^{55}–16^h Donner; Zürich: 15^{55} Böe, 15^{56} K über Ort. Tagessummen der Niederschläge in mm: Kölliken 10.1, Burg 8.8, Muri 8.6, Thalwil 9.5, Zürich 27.6, Männedorf 8.0, Uster 4.9. **31.** Litt. a. Tagessummen der Niederschläge in mm: Gingins 4.9, St. Cergue 4.3, Lausanne 37.9, Corcelles 5.4, Moudon 12.4. Litt. b. La Ferrière: l'orage principal a suivi la ligne WSW–ENE à peu près parallel à la vallée du Doubs. Tagessummen der Niederschläge in mm: St. Sulpice 8.3, Freiburg 36.3, Boudry 2.7, Serrières 5.1, La Ferrière 14.4, Chaumont 1[1].1, Dombresson 4.4, Aarberg 17.3, Mt. Soleil 13.1, Biel 9.7, Courtelary 11.2, Bellelay 13.2, Mormont 8.5, Delémont 10.1, Solothurn 14.1, Weissenstein 11.0, Herbetswil 17.5. Litt. c. Clarens: Viele baumartig verzweigte Blitze. Litt. d. Tagessummen der Niederschläge in mm (soweit in tabellarischer Uebersicht nicht angeführt): Mervelier 14.3, Wittnau 17.0, Liestal 12.6, Rheinfelden 12.4, Olten 15.2, Möhlin 11.6. Litt. f. Schaffhausen: $20^3/_4$–$21^1{}_2{}^h$ K W–E; Bischofszell: 22^h K von W. Tagessummen der Niederschläge in mm: Schaffhausen 19.2, Lohn 13.7, Niederneunforn 15.3, Altnau 22.5, Bischofszell 19.2. Litt. h. Baulmes: 21–$21^1/_2{}^h$ K; Marsens: $21^1{}_2$–$23^1/_2{}^h$ K; La Valsainte: 21^{35} K. Litt. i. La Valsainte: 23^{30} K; Bern: $0^1/_2{}^h$ starker Blitz und Donner, nachher entferntes Gewitter bis gegen 2^h morgens. Tagessummen der Niederschläge in mm: Bern 21.7, Burgdorf 26.6, Herzogenbuchsee 16.7, Grosshöchstetten 44.8, Entlebuch 31.8, St. Urban 19.3, Burg 41.0, Walchwil 23.6.

August 3. Litt. a. St. Moritz: („leicht" 2.8 mm); Pontresina: 11^h; Scarl: (11.2 mm); Sta. Maria: 11^{55}–12^{25} (12.7 mm). Litt. b. Tagessummen der Niederschläge in mm: Allerheiligen 7.2, Aarau 20.3, Kölliken 6.3, Pfannenstiel 9.6, Grüningen 17.0, Fehraltdorf 13.3, Bauma 12.5. Litt. c. Linthal: 12^h K W–E; Elm: $11^1/_2$–$13^1/_2{}^h$ K mit starken elektr. Entladungen. Litt. d. Airolo: 11–11^{20} K (5.3 mm); Braggio: $13^1/_2$–$14^1/_2{}^h$ K (11.6 mm); Locarno: 13^{50}–14^{05} (11.7 mm). Litt. f. Thusis: „heftig"; Arosa: $14^1/_2{}^h$ K mit zeitweiligem Platzregen; Davos: $14^3/_4$–$15^1/_4{}^h$ K mit wolkenbruchartigem Regen; Plantahof: „klein". Tagessummen der Niederschläge in mm: Vals 14.2, Thusis 3.5, Arosa 7.8, Davos 11.6, Seewis 15.0, Reichenau 2.0, Plantahof 9.4. Litt. g Zürich: 17^{16}–17^{28} Donner („K im S vorbei"); Uster: 17^{30}. Litt. h. Aarau: 17^{55} K (20.3 mm); Muri: (10.0 mm); Lorzentobel: (11.2 mm). Litt. k. Riehen: $20^1/_2$–21^h mehrere K aus W nacheinander und nebeneinander („22^h Blitz mit Erlöschen des elektrischen Lichtes"). **11.** Litt. a. Therwil: $6^1/_4$–$7^1/_2{}^h$ K W–NE; Basel: 0^{45}–7^{24} Donner; Augst: 6^{40} K; Riehen: 6^{50} K. Litt. e. St. Moritz: (1.4 mm); Bevers: 17^{05}–19^{35} K mit heftigem Regen (5.1 mm); Morteratschgletscher: $16^1/_4$–$17^1/_2{}^h$ Donner; Sta. Maria: 16^{30}–17^h K im SW, ohne die Station zu treffen. Litt. f. Bisistal: $18^1/_2{}^h$ K im obern Bisistal und Glattalpgebiet mit ▲[2] („Märenberge weiss von Hagel; am 12. August 9^h morgens lagen noch haselnussgrosse Körner auf der Glattalp"). **15.** Litt. a. Airolo: 14^h K; Braggio: 14^{10}–14^{30} K (10.6 mm). Litt. c. Grindelwald: „ca. 15^h K vom Faulhorn nach Osten und Nordosten gegen Wetterhorn, bis ca. 17^h über den Hochgipfeln verharrend"; Brienz: 15^{05}–19^{30} K; Meiringen: 15–18^h; Reckingen: („Temperatur sank von 25.2° um $13^1/_2{}^h$ auf 15° um $15^1/_2{}^h$"). Tagessummen der Niederschläge in mm: Grindelwald 33.3, Brienz 39.6, Meiringen 33.0, Isental 34.2, Gurtnellen 24.9, Göschenen 28.8, Altdorf 53.7. Litt. e. Tagessummen der Niederschläge in mm: Vättis 22.6, Ilanz 17.2, Vrin 18.0, Vals 25.5, Bernhardin 24.0, Splügen 33.5, Thusis 9.1, Tschiertschen 45.5, Plantahof 21.5, Schiers 25.6. Litt. f. Aarau: $17^1/_4{}^h$ mit kurzem Platzregen; Zofingen: heftiges K („Ein Gewitter von unerhörter Heftigkeit ging über die Gegend; während einer Viertelstunde wütete ein orkanartiger Sturm und richtete einen erheblichen Schaden an Bäumen und Häusern an; die Strassen waren besetzt mit heruntergefallenen Ziegeln; Bäume wurden entwurzelt; an verschiedenen Orten wurden durch die Wucht des Sturmes die Fenster eingedrückt."): Schöfflisdorf: $17^3/_4{}^h$; Zürich: 18^{05}; Uster: K mit ▲ („Hagelkörner wie Haselnüsse; Bäume durch Sturm, Gemüse durch den Hagel beschädigt; Blitzschläge"); Mettmenstetten: K ohne Regen, aber mit Orkan. Tagessummen der Niederschläge in mm: Aarau 4.4, Zofingen 6.5 (in 20 Minuten), Kulm 18.5, Schöfflisdorf 0.1, Opfikon 8.8, Zürich 12.8, Zollikon 14.0, Uster 10.1, Thalwil 16.5, Sihlwald 25.0, Muri 21.0, Zug 11.0, Lorzentobel 45.4, Aadorf 13.0, Flawil 28.5, Degersheim 27.9, Ebnat 42.8, Starkenbach 49.5, St. Gallen 25.7, Schwäbrig 39.5, Rorschach 1.3, Weesen 12.6, Wallenstadt 37.2, Sargans 38.4, Sevelen 39.6, Haag 65.4. Litt. g. Basel: 18^{08} K mit orkanartigem Sturm, der gewaltige Verheerungen verursachte, aber relativ geringe Niederschlagsmengen brachte (laut Basler Nachr., Nr. 378 u. 379 vom 10. August, hat sich die Unwetterkatastrophe stark lokal ausgewirkt; wir entnehmen ihr folgende Einzelheiten: „Während die östlichen Quartiere Basels, sowie die nähere Umgebung rheinaufwärts, die Gebiete von Montreux-Pratteln, das Birsig-, Birseck- und Leinental fast völlig unberührt blieben, wütete im westlichen Teil Grossbasels, namentlich im St. Johannquartier, im unteren Kleinbasel, in Kleinhüningen, den Langen Erlen und in Riehen, im Sundgau und der badischen Nachbarschaft, vor allem im Wiesental, ein Unwetter von noch selten gesehener Stärke. Im Stadtinnern fiel dichter Hagel, Hagelkörner bis zu 30 Gramm Gewicht fielen und durchlöcherten vielen Passanten Strohhüte und Schirme; Fensterscheiben, besonders Milchglasscheiben auf der Wetterseite der Häuser wiesen Kugellöcher auf. In den Gärtnereien an der Entenweid und Vogesenstrasse wurden sämtliche Scheiben der Treib- und Gewächshäuser zertrümmert. Der gleichzeitig einsetzende Sturmwind hob ungezählte Ziegel ab und warf an der Handelsbank eine Reklametafel hinunter, die eine Passantin verletzte. Der gegen 35 m hohe Fabrikkamin der chemischen Fabrik Dunand & Huguenin wurde vom Sturm wie ein Stengel geknickt. Den grössten Schaden hat der orkanartige Sturmwind im Rheinhafen St. Johann angerichtet, wo der Hochbahnkran von der Wucht des Orkans in den Rhein geworfen wurde. Ebenso stark sind die Verwüstungen bei den Hafenanlagen Kleinhüningen. Am Rheinbord wurden sämtliche Bäume geknickt und alle Lagerschuppen abgedeckt. Die Ostwand des neuen im Bau befindlichen Lagerhauses wurde direkt weggeblasen; der Schaden beläuft sich auf 100,000 Fr. In Kleinhüningen wurden

allein bei der Fabrik Clavel & Lindenmeyer 1900 Doppelscheiben vom Hagel zertrümmert und vom Sturm eine 12–15 $^m/_m$ dicke Schlackenwand eingedrückt. In den Langen Erlen wurden hunderte von Bäumen geknickt, zahlreiche Badende wurden verletzt. Es fielen Hagelkörner in der Dicke von 3 $^m/_m$. In Riehen wurden viele Ziegel heruntergeworfen, viele Obstbäume und vier mächtige Pappeln geknickt. Bettingen wurde vom Hagel völlig verschont. Nicht weniger gross sind die Verheerungen im Sundgau und Wiesental, im benachbarten Weil konnte ein eigentlicher Wirbelwind beobachtet werden. Weitere Einzelheiten siehe Basler Nachr. vom 16. August.") Litt. k. Tagessummen der Niederschläge in $^m/_m$: Boltigen 25.9, Adelboden 28.6, Frutigen 50.1, Lauterbrunnen 26.6, Guttannen 7.5 (nur ⊼). Litt. l. Tagessummen der Niederschläge in $^m/_m$: Vicosoprano 23.6, Sils Maria 15.1, Bivio 18.2, St. Moritz 16.4, Bevers 14.0, Pontresina 16.8, Brusio 12.1, Scarl 8.6, Sta. Maria 8.9. Litt. n. Les Ponts: $21^1/_2{}^h$ ⊼; Clarens: 22^h ⊼; Leysin: à 23^h a éclaté un violent orage suivi d'une chute abondante de pluie. Les décharges ont été très nombreuses — moments 10 à 12 par minute — et assez violentes. Tagessummen der Niederschläge in $^m/_m$: Le Sentier 4.7, Les Brenets 3.2, Chaux-de-Fonds 0.9, L'Auberson 7.5, Yverdon 0.6, Marsens 8.5, Clarens 18.0, Leysin 59.5, Dailly 26.7, Martigny 12.7, Sitten 14.7, Visp 20.7, Bern 3.1, La Valsainte 17.6, Jaun 34.2, Isental 21.9, Thun 45.8, Interlaken 32.2, Lungern 16.3, Entlebuch 42.1, Pilatus 69.6, Stans 43.5. Litt. o. Hitzkirch: 21^h ⊼; Walchwil: abends ⊼ („sehr heftig"); Willerszell: $21^1/_2{}^h$ ⊼ mit zahlreichen zündenden Blitzschlägen (siehe diese!). **18.** Litt. a. Hochfelden: $19^1/_2{}^h$ ⊼ (4.0 $^m/_m$); Uster: 20^{30}–20^{30} Donner (0.6 $^m/_m$); Frauenfeld: (3.7 $^m/_m$); Steckborn: ⊼ (leicht); Kreuzlingen: (4.0 $^m/_m$); St. Gallen: (1.5 $^m/_m$); Altstätten: (8.2 $^m/_m$). **21.** Litt. a. Bellelay: 17^h heftiges ⊼ aus W (22.7 $^m/_m$); Burgdorf: (23.3 $^m/_m$); Augst: $18^1/_2{}^h$ ⊼. **22.** Litt. a. Tagessummen der Niederschläge in $^m/_m$: Longirod 2 1.2, Le Sentier 26.0, Les Brenets 24.6, Yverdon 17.0, Moudon 22.9, Romont 33.6, Payerne 30.1, Marsens 20.0, Freiburg 19.8, Neuchâtel 16.4, Rheinfelden 10.8, Aarau 13.2, Baden 0.2, Uster 0.4. Litt. b. L'Auberson 5^h ⊼ (13.5 $^m/_m$); Baulmes: 5–6^h ⊼; La Ferrière: 5^{48} ⊼ (24.7 $^m/_m$); Leysin: 6^h ⊼ (10.9 $^m/_m$). Litt. c. Tagessummen der Niederschläge in $^m/_m$: Wintersingen 12.3, Schöfflisdorf 17.4, Muri 19.2, Mettmenstetten 11.9, Lorzentobel 9.0, Schönenberg 20.5, Sihlwald 33.2, Thalwil 42.5, Küsnacht 30.0, Männedorf 22.2, Niederhasli 17.3, Opfikon 3.7, Zürich 15.0, Uster 6.0, Bauma 19.7, Winterthur 13.0, Andelfingen 11.5, Aadorf 11.0. **24.** Litt. a. Locarno: $12^1/_2$–19^h ⊼; Bellinzona: $17^1/_2$–20^h (32.5 $^m/_m$); Mte. Bré: 17–$18^1/_2{}^h$ (19.2 $^m/_m$). Litt. b. Vals: 18^h ⊼ (über 2400 m ✳); Splügen: 18^h mit Hagelschauer (25.5 $^m/_m$); Bivio: (20.1 $^m/_m$); Bevers: 19^h ⊼ (21.1 $^m/_m$); Pontresina: 20^h ⊼ (17.6 $^m/_m$); Davos: 19–20^h starkes Wetterleuchten. **31.** Litt. a. Braggio: 18–24^h ⊼ (85.0 $^m/_m$); Locarno: $18^3/_4$–$19^1/_4{}^h$ ●[1], ▲[2] (80.7 $^m/_m$); Ponte Tresa: temporale forte (55.6 $^m/_m$); Generoso: (46.0 $^m/_m$); Platta: Blitz u. Donner bis $19^1/_4{}^h$. Litt. b. Gotthard: nachts starkes ⊼; Linthal: seit 2^h ununterbrochen ⊼. Litt. c. Tagessummen der Niederschläge in $^m/_m$: Vals 58.0, Thusis 42.2, Vicosoprano 91.1, St. Moritz 18.6, Bevers 18.7, Bivio 27.0, Pontresina 15.7, Sta. Maria 24.5 (21–2^h ⊼).

September 1. Litt. a. Pfeffingen: 17^{55} ⊼; Möhlin: $18^1/_2{}^h$ ⊼; Basel: 18^{40} Blitz im S. **11.** Litt. a. Grono: $19^1/_2$–$20^1/_2{}^h$ ⊼; Faido: 22^h mit △. **12.** Litt. c. Schleitheim: $14^1/_2$–16^h ⊼ W-E; Frauenfeld: „17^h schweres ⊼"; Opfikon: (11.7 $^m/_m$). 17^h in Rümlang ▲; Luzern: 21^h ⊼ mit starkem ● und ▲. **21.** Litt. a. Basel: 11^{08} ⊼; Pfeffingen: Gewittersturm („entwurzelte mehrere Bäume. in Reinach wurde ein Blechdach abgedeckt und ein Transformatorenhäuschen beschädigt"); Wintersingen: ▲ („Körner von 6 $^m/_m$ Durchmesser").

Oktober 13. Litt. b. Corcelles (60.0 $^m/_m$), Cossonay (61.9 $^m/_m$), Romont (57.2 $^m/_m$), L'Auberson (42.0 $^m/_m$). Litt. c. Platta: nachts ✳ bei starkem Blitz und Donner; Vals: 19–22^h ⊼; Bevers: ab $22^8/_4{}^h$ ⊼. **26.** Litt. a. Zug: $14^1/_2{}^h$ ⊼; Säntis: 16^{10} ⊼ mit einmaligem Donner; Heiden: 15–18^h ⊼, aus S kommend. Tagessummen der Niederschl. in $^m/_m$: Zug 13.0, Horgen 3.0, Uster 1.6 (nur ⊼), St. Gallen 4.4, Schwäbrig 17.8, Altstätten 18.3, Heiden 10.8, Rorschach 6.7. Litt. b. Gersau: 10^h starkes ⊼; Einsiedeln: 16^{15} ⊼; Weesen: ⊼-Regen (13.6 $^m/_m$).

b) Verzeichnis der in der tabellarischen Uebersicht nicht erwähnten hagelbeschädigten Gemeinden:

April 13. Lokales Gewitter. Bernex, Cologny, Confignon, Laconnex, Onex, Perly-Certoux, Plan-les-Ouates, Soral.

Mai 3. Litt. a. Hemmishofen, Wagenhausen. Litt. f. Heiligenschwendi, Homberg, Sigriswil, Spiez. **10.** Litt. a. Bissone, Arsisio, Montagnola, Morcote. **24.** Litt. b1. Safenwil, Gränichen, Seon, Unter-Kulm, Nieder-Hallwil, Seengen, Hilfikon, Büttikon, Hermetschwil, Wohlen, Sarnensdorf, Unter-Lunkhofen, Waltenschwil, Waldhäusern, Ebersecken, Egolzwil, Schötz, Wauwil, Sursee, Schenkon. **27.** Lokales Gewitter: Morbio inferiore, Sagno. **31.** Litt. a. Epesses, Puidoux, Rivax, Corcelles sur Chavorne, Bulle, Autigny, Avry sur Matran, Belfaux, Chessopelloz, La Corbaz, Corjolens, Cormagens, Corminboef, Cottens, Cutterwil Ecuvillens, Farvagny-Petit, Formangueire, Givisiez, Freiburg, Granges-Paccot, Lossy, Magnedens, Matran, Neyruz, Onnens, Posat, Posieux, Villars s. Glâne, Agriswil, Barbarêche, Bas-Vully, Burg, Cordast, Cournillens, Courtamon, Courtepin, Courtion, Fräschels, Gelmis, Grossgurniels, Grossguschelmuth, Kerzers, Kleinbösingen, Kleinguschelmuth, Liebisdorf, Misery, Monterchu, Murten, Ried, Ulmiez, Wallenbuch, Bösingen, Düdingen, Cafers, Wohlen, Laupen, Dicki, Ferenbalm, Frauenkappelen, Laupen, Mühleberg, Neuenegg, Wileroltigen, Hallnach, Müntschemier, Develier, Beinwil.

Juni 2. Litt. a. Unter-Hallau, Siblingen. Litt. b. Oberstammheim, Waltalingen, Adlikon, Dägerlen, Hettlingen, Niederneunforn, Oberneunforn, Winterthur, Oberschlatt, Unterschlatt, Ernetschwil. Litt. c. Caneggio, Castello S. Pietro, Mendrisio, Monte, Morbio Superiore, Salorino. Lokal-Gewitter: Forst, Längenbühl, Thierachern, Unter-Langenegg, Gurzelen, Mühledorf, Wattenwil. **3.** Litt. d. Luzern, Meggen, Zug, Walchwil, Oberägeri, Feusisberg, Wollerau, Freienbach. Lokal-Gewitter: St. Prex. **16.** Litt. a1. Céligny, Aubonne, Bougy-Villars, Féchy, Chigny, Denens, Echichens, Etoy, Lully, Monnaz, Morges, St. Prex, Tolochenez, Villars s. Jens, Commugny, Coppet, Crans, Tonnez, Nyon, Tannay, Vich, Allaman, Bursins, Essertines, Gilly, Suins, Mont, Perroy, Tartegnin, Haut-Vully, Mur. a2. Büsserach, Nieder-Erlisbach. Stüsslingen, Zell, Flühli. a3. Hütten, Richterswil, Wollerau, Freienbach, Feusisberg, Rieden, Menzingen, Lütisburg, Eggersriet, Berg. **17.** Lokale ⊼: Erlenbach, Herrliberg, Doppleschwand, Entlebuch, Escholzmatt, Hasle, Romoos, Schüpfheim, Rothenburg, Root, Udligenswil. **25.** Litt. b. Cortaillod, Dürrenroth, Eriswil, Huttwil, Walterswil, Luthern, Uffhusen, Schüpfheim, Entlebuch, Werthenstein, Malters, Herlisberg, Hochdorf, Hohenrain, Retschwil, Römerswil, Sarmenstorf, Mühlen. Litt. f. Hünenberg, Cham, Steinhausen, Affoltern a. A., Hausen, Erlenbach, Bütschwil, Helfenswil, Mogelsberg. Litt. h. Appenzell, Rüfe, Schwende. **26.** Litt. a. Herisau, Schwellbrunn, Schwendi, Lustenau, Eschenbach, Goldingen, St. Gallenkappel, Wattwil. Litt. b. Balerno, Castello S. Pietro, Coldrerio, Mendrisio, Morbio Superiore. **29.** Litt. a. Wittenbach, Ebnat. Lokale ⊼: Ottenbach, Marbach, Schüpfheim, Malters, Schwarzenberg, Roggwil.

Juli 8. Litt. a. Bernex, Confignon, Soral, Veyrier, Contamine sur Arve, Collex-Bossy, Bellevue, Genthod, Cremin, Forel s. L., Lucens. Litt. a. Aeschlen, Oberdiessbach. Litt. d. Hergiswil, Romoos, Schüpfheim, Escholzmatt, Trub. Lokale ⊼: Roggwil, Rovio. **9.** Litt. b. Cerniat. Litt. c. Extrembrières, Collex-Bossy, Préverenges. Litt. d. Escholzmatt, Flühli, Marbach. **15.** Litt. a. Lavertezzo, Bellinzona, Biogno, Breganzona, Cagiallo, Comano, Cureglia, Gentilino, Pozza, Sorengo, Tesserete, Vezzia. Litt. c. Les Bois. Litt. g. Luzern, Meggen, Root, Udligenschwil, Meyerskappel. Küssnacht, Risch, Zug, Steinhausen, Neuheim, Baar, Hausen, Horgen, Küsnacht, Erlenbach, Herrliberg, Meilen. **17.** Lokale ⊼: Feusisberg, Freienbach, Wollerau, Altendorf, Menzingen, Zug, Häfelfingen (Sissach). **18.** Litt. a. Gordola, Agno, Bioggio, Arzo,

Besazio, Ligornetto, Melide, Rancate, Riva San-Vitale, Tremona. **19.** Litt. a. Gossau, Hinwil, Wald, St. Gallenkappel, Goldingen. Lokale ⚡: Wolhusen. **22.** Litt. b. Höngg, Zürich, Wattwil, Hemberg, Eschenz. **24.** Litt. d. Lenzburg, Höngg, Zürich. **31.** Agiez, Arnex s. Orbe, Orbe. Litt. b. Bettlach, Selzach. Litt. k. Grosswangen, Sursee.

August 3. Litt. b. Pfaffnau. Litt. g. Uster, Hombrechtikon, Jona, Wald, Tuggen, Wangen. **11.** Litt. k. Schänis. **15.** Litt. a und d. Locarno, Gordola, Lavertezzo. Litt. f. Zofingen, Staffelbach, Sarmenstorf, Uezwil, Dürrenäsch, Schöftland, Meisterschwanden, Unter-Lunkhofen, Aristau, Besenbüren, Bettwil, Boswil, Bünzen, Buttwil, Kallern, Merenschwand, Muri, Ottenbach, Obfelden, Hedingen, Mettmenstetten, Affoltern a. A., Langnau, Oberrieden, Thalwil, Albisrieden, Altstetten, Höngg, Zürich, Zollikon, Herrliberg, Meilen, Dübendorf, Maur, Mönchaltdorf, Uster, Wetzikon, Seegräben, Pfäffikon, Hittnau, Winterthur, Wil, Bronschhofen. Litt. i. Hasle, Schüpfheim. Litt. m. Biel, Corgémont, Plagne, Fahy, Riehen. Litt. n. Port-Valais. **18.** Litt. a. Wil, Bischofszell, Waldkirch, Egnach, Wittenbach, Eggersriet, Berg. **22.** Litt. a. Dürrenroth, Sumiswald, Trachselwald, Wyssachen, Sempach, Ruswil, Neuenkirch, Werthenstein, Entlebuch. Litt. b. St. Prex, Monnaz, Tolschenaz, Vufflens, Morges, Préverenges. **31.** Litt. a. Lavertezzo, Contra, Cugnasco, Minusio, Muralto, Locarno, Solduno.

September 12. Litt. b. Moutier. **19.** Lokale ⚡: Männedorf, Meilen, Uetikon, Küssnacht, Emmen, Zäziwil, Arzo, Balermo, Besazio, Castello S. Pietro, Coldrerio, Genestrerio, Ligornetto, Mendrisio, Melide, Morbio Inferiore, Morbio Superiore, Pedrinate, Rancate, Salorino, Tremona. **21.** Litt. a. Küsnacht, Männedorf, Meilen, Uetikon.

c) Hagel ohne bekannt gewordene elektrische Erscheinungen:

März 8. Frauenfeld 16^{20}. **April 15.** Neuchâtel 11–12^{h}, Genf 15^{10}. **16.** Chaumont p. **19.** Chaux-de-Fonds 19^{h}. **Mai 3.** Leysin 15^{h}. **10.** Lüsslingen, Neunigkofen, Chaux-de-Fonds $15^{1}/_{4}$–16^{h} und 17–17^{20}. Aarberg p. **21.** Chaumont p. **26.** Balerno, Castello S. Pietro, Coldrerio, Ligornetto, Mendrisio, Morbio Inferiore, Morbio Superiore, Pedrinase, Rancase, Sagno, Salorino. **Juni 2.** Varen 15^{h}, Grenchen, Villmergen, Illgau. **3.** Contamine s. Arve. **5.** Burgdorf $9^{1}/_{2}{}^{h}$, Zäziwil, Frauenfeld, Unter-Hallau. **6.** Küsnacht. **17.** St. Urban, Mettmenstetten und Schönenberg p, Fontainemelon. **18.** Kreuzlingen 11^{h} u. 15^{h} Neuchâtel, Andelfingen p, Bardonnex und Siggental, Schneisingen. **21.** Archamp (Savoie). **23.** Erlenbach. **25.** Buffalora. **27.** Roggwil. **29.** Leysin 17–$17^{1}/_{2}{}^{h}$ u. 18. **Juli 1.** Bevers 18^{50}–$19^{1}/_{2}{}^{h}$. **8.** Binn p. **24.** Brüttelen (b. Erlach). **August 3.** Quarten. **5.** Entlebuch. **11.** Herzogenbuchsee. **23.** Maur. **24.** Gotthard nachts. **September 1.** Splügen 1^{h}. **9.** Uetikon. **15.** Coldrerio. **16.** Aarberg p. **17.** Haut-Vully, Mur. **18.** Gr. St. Bernhard a. **19.** Kippel 12^{h}, Sils 13^{h}, Pontresina p, Hitzkirch 16^{20} (30 Sek. lang), Castello S. Pietro. **20.** Generoso a u. p, Castello S. Pietro. **21.** Wittnau $11^{1}/_{2}{}^{h}$, Muttenz. **22.** Uetikon. **Oktober 27.** Schwäbrig a.

Nachträge.

a) Gewitter ausserhalb der Landesgrenze, beobachtet auf unsern Stationen:

Im Vorarlberg:

April 13. Säntis: $20^{1}/_{2}{}^{h}$ und $21^{1}/_{2}{}^{h}$ im NE, Altstätten 21–$23^{1}/_{2}{}^{h}$ viele Blitze. **Mai 21.** Altstätten $15^{3}/_{4}$–16^{h} im NE. **23.** Altstätten $22^{1}/_{4}{}^{h}$ im NE. **Juni 12.** Säntis 15^{20}–15^{26} ⚡ u. Donner im NE. **25.** Altstätten 13^{10}–13^{20} zweimal Donner im E, $17^{1}/_{2}{}^{h}$ und 19^{35}–20^{15} Blitz u. Donner im NE. **Juli 1.** Seewis 12^{h} und 13^{h} zwei ⚡ im Vorarlberg von heftigem Regen begleitet.

Im Hegau und Schwarzwald:

März 1. Schleitheim 13^{h} dreimal Donner im W. **April 7.** Lohn p Donner im NW. **19.** Wilchingen 18^{h} ⚡ im W, Hallau 18^{h} Donner im NW. **Mai 3.** Böttstein ⚡ im östlichen Schwarzwald (Schluchttal) 12^{52}–12^{56} viermal Donner im N; ⚡ zog vorüber im Norden nach NE in ca. 7 km Distanz (Hallau 12^{h} Donner im W). **31.** Hallau $20^{3}/_{4}{}^{h}$ Blitz im NW. **Juni 2.** Schleitheim $10^{1}/_{2}$–11^{h} ⚡ im NW. **3.** Hallau 12^{h} Donner im N. **Juli 1.** Lohn 12^{h} ⚡ nördlich der Station (Schleitheim Blitz im Norden). **8.** Wilchingen 17^{h} ⚡ im W „klein". **10.** Lohn ⚡ im W von 13^{h} bis abends. **22.** Schleitheim $10^{1}/_{2}{}^{h}$ ⚡ im NW. **September 12.** Basel $17^{1}/_{2}$–$18^{1}/_{2}{}^{h}$ ⚡ N–NE gegen den Schwarzwald in 10–15 km Entfernung; Haidenhaus 14–16^{h}.

Am deutschen Bodenseeufer:

April 13. Haidenhaus 20–22^{h} im NE, Kreuzlingen $21^{1}/_{2}{}^{h}$ ⚡ gegen NE („wahrscheinlich nördlich des Bodensees ins Allgäu ziehend"). **28.** Steckborn mittags Donner und ⚡ im NE, Kreuzlingen $14^{1}/_{2}{}^{h}$ jenseits des Sees ⚡. **Mai 3.** Kreuzlingen $13^{1}/_{4}{}^{h}$ ⚡ über Untersee E–W. **Juni 3.** Haidenhaus 15–18^{h} ⚡ im NE, Steckborn 18^{h} ⚡ im NE, Kreuzlingen 20^{h} ⚡ W–E über Ueberlingersee.

Im Burgund:

Mai 3. Bellelay $18^{3}/_{4}{}^{h}$ im NW. **Juli 9.** La Ferrière abends ⚡ in Frankreich. **August 3.** L'Auberson: orage sur France. **September 13.** L'Auberson 16^{h} ⚡ sur France.

Im Etschtal: **Juli 14.** Sta. Maria 17^{20}–21^{h} ⚡ im SE.

b) Lokale Gewitter:

März 1. Niederneunforn $14^{1}/_{2}{}^{h}$ mit Graupelfall, Opfikon $15^{1}/_{2}{}^{h}$ mit $\triangle^{0}$, $\ast^{0}$ (Schöfflisdorf Donner), Frauenfeld $15^{1}/_{2}{}^{h}$, Diessenhofen 16^{h} ⚡-Sturm. **8.** Uster 15^{20} mit starkem Graupelfall von 15^{15}–15^{20} („Graupeln in Erbsgrösse"). **28.** Willerszell $16^{1}/_{2}{}^{h}$ (Einsiedeln 15^{h} Donner, Rigi $15^{3}/_{4}{}^{h}$ Donner, $\triangle$ u. $\ast$), Langnau i. E. $17^{1}/_{2}$–$18^{1}/_{2}{}^{h}$ (9.6 mm).

April 3. Eggiwil mit ▲, Delémont 18^{20} W–E (17.0 mm). **5.** Eggiwil p. **6.** Freiburg „aus der Gruyère" (Donner 16^{57}–16^{22}). **7.** Moudon und Corcelles p. **8.** Generoso abends (7.8 mm). **11.** Genf 21^{h} (23.5 mm). **16.** Bellinzona $15^{1}/_{2}$–16^{h} und 19–20^{h}, Frauenfeld 16^{40}, Winterthur 17–19^{h} (Schaffhausen Donner). **19.** Diessenhofen $18^{1}/_{2}{}^{h}$ mit Graupeln und Regen. **21.** Diessenhofen 18^{h} (Frauenfeld Donner). **22.** Choindez a, Genf 13^{25} (13^{25}–14^{40} ● u. ▲, 22.9 mm), Mervelier $14^{1}/_{2}{}^{h}$ (Reigoldswil Donner). **23.** Diessenhofen 13^{h}, Schleitheim $13^{1}/_{4}$–$13^{3}/_{4}{}^{h}$ im SE (Blitz u. Donner im NE am Randen), Hallau $13^{1}/_{2}{}^{h}$ (Schaffhausen Donner), Kreuzlingen $15^{1}/_{2}{}^{h}$ über Thurtal. **24.** Mte. Bré 14–$15^{1}/_{2}{}^{h}$ (Lugano 13^{30}–13^{40} ● u. ▲).

Mai 3. Biel 19^{h} „klein" (Mt. Soleil Blitz, Bellelay Donner). **9.** Locarno und Brissago 16–$16^{1}/_{2}{}^{h}$ leicht, Vrin p (Vals 16^{h} l. ⚡-Regen). **10.** Bellinzona 16–20^{h} (34 mm), Bernhardin p (Comprovasco 19^{45}–21^{05} Blitz u. Donner), Generoso p. **12.** Ponte Tresa abends. **15.** Locarno $17^{1}/_{2}$–18^{h} (Brissago Donner). **16.** Chaumont 11^{h}, Bellinzona 18^{h}, Leysin 18^{09} (NW–SE, 12.6 mm). **17.** Bellinzona 10^{h} mit ●², Crana Torri-

cella und Ponte Tresa 22^h (Locarno $21–22^h$ heftiges K im S). **18.** Lugano $22^1/_4{}^h$ (Generoso ▲). **19.** Ponte Tresa a „heftig“ (14.4 $^m/_m$). **20.** Säntis $13^1/_2{}^h$ (Ebnat „leicht“; Schwäbrig △ u. ▲). **21.** Opfikon $13^3/_4{}^h$, Mervelier $15–16^h$, Lorzentobel p, 8.0 $^m/_m$ (Zug einmal Blitz u. Donner). Säntis $17^1/_4{}^h$ von N nach S, Elm $19–19^1/_2{}^h$ (Weesen Gewitterregen), Meiringen 20^h („leicht“). **23.** Arbon nachts (Schwäbrig Blitz und Donner). **24.** Langnau i. E.: $15^1/_2–16^1/_2{}^h$ ●2 (23.8 $^m/_m$), Diessenhofen 19^h (17.6 $^m/_m$). **25.** Ponte Tresa a (Crana Torricella starker Blitz u. Donner), Zürich abends (Blitz u. Donner $19^{17}–21^h$). **27.** Brissago $12^1/_2{}^h$ (71.6 $^m/_m$). **29.** Bernhardin: temporale dopo le 19^h con grandine e pioggia ad intervalli (17.4 $^m/_m$), Gotthard von 21^h bis morgens (5.5 $^m/_m$). **30.** Vals 13^h „kurz“ (Arosa und Reichenau Donner). **31.** Pontresina 3^h.

Juni 1. Bellelay $15^1/_4$ mit △, Walchwil nachts („klein“). **2.** Langnau $9–10^h$ K-Regen mit etwas ▲ vermischt, Herzogenbuchsee 10^{39} („kurz“), Aarau längerer K-Zustand (Kölliken $11^{25}–11^{33}$ schwache Blitze), Dombresson $12–12^3/_4{}^h$ mit ● u. ▲ (18.8 $^m/_m$), Baulmes 13^h, Säntis 13^{15} mit ▲ von kurzer Dauer („Teufen $12^1/_4{}^h$ u. $13^1/_2{}^h$ Donner im Alpstein“), Urnäsch zweimal Donner, Bevers $14–14^1/_2{}^h$ aus W, Brusio p und abends, Genf 14^{20} u. 16^{10}, Lungenstutz p mit ▲ (Altdorf $14^1/_2{}^h$ dreimal Blitz und Donner, Isental Donner), Rheinfelden $14^3/_4{}^h$ („leicht“), Wintersingen $14^{48}–15^h$ Donner im NW), Diegten und Kilchberg p, Château d'Oex p, Affoltern abends (13.9 $^m/_m$). **3.** Genf 14^{20} im E und 18^{07} im W, Lampenberg 15^h, Davos-Schatzalp $16^1/_2{}^h$ mit ● u. ▲ (Davos 16^{35} einmal Donner), Plantahof abends, Lausanne 18^{54} (Cossonay ▲). Säntis 19^{40} (Altstätten $19^3/_4–20^h$ Blitz u. Donner), Heiden und Rorschach abends. **4.** Burgdorf 8^{50} NW-N (8.1 $^m/_m$), Buffalora $9^1/_2–10^h$, St. Gallen 11^{28} („entstand über der Station und hörte über Station auf“), Genf 12^{10} (10.1 $^m/_m$). **5.** Vrin p mit ▲, Langnau i. E. $20^1/_2{}^h$. **7.** Thun $13^1/_2–14^h$ (7.4 $^m/_m$). **11.** Einsiedeln 17^h. **12.** Le Prese p. **14.** Säntis 10^{55} (11^h ✳, 14^{55} ▲, Urnäsch Donner). **15.** Böttstein $20^1/_2{}^h$ („leicht“). **16.** Kreuzlingen 14^{30} W-E, Grüningen $14^1/_2{}^h$, Hinwil 15^h, Aadorf 19^h, Schiers 19^h. **17.** Muri „früh“. **18.** St. Urban $14^1/_2{}^h$ u. $14^3/_4{}^h$ („leicht, von W-E), Opfikon 17^{20} (10.4 $^m/_m$). **19.** Wald abends. **24.** Genf 18^h, Visp 18^h im N mit zweimal Donner, Kiental $18^1/_2{}^h$, Grindelwald abends („Lauterbrunnen 20^{20} Blitz u. Donner“), Locarno $20–24^h$ (Bellinzona Wetterleuchten u. Donner). **25.** Sierre 4^{30}, Generoso a, Genf $12^1/_2{}^h$, Interlaken $13^1/_4{}^h$ („heftig“, Lauterbrunnen nach 12^h mehrmals Donner), Linthal $13^3/_4$ u. 17^h W-E, Bevers $16–18^h$ aus W, Plantahof p, Vrin p, Neuchâtel und Chaumont 20^h. **26.** Leysin $8^1/_2{}^h$ (Clarens und Dailly Donner), Sitten $9^1/_4–10^1/_4{}^h$, Gsteig a von SW (20.3 $^m/_m$), Vrin a u. p, Grächen von 13^h an, Uster 13^{57} bei Regenwetter (12 $^m/_m$ K, 27.3 $^m/_m$ Tagessumme). **27.** Lugano $20^1/_2{}^h$ leichtes K (Generoso ▲). **29.** Schiers $12^1/_2{}^h$ (Plantahof Donner), Mervelier 13^h (Choindez und Bellelay Gewitterregen), Zürich 17^{55}, Horgen und Küsnacht 18^h. **30.** Les Brenets vers $19^1/_2{}^h$.

Juli 1. Steckborn 6^h („leicht mit etwas ▲“), Les Brenets vers $19^1/_2{}^h$, Säntis $22^1/_4{}^h$ mit ▲. **2.** Schiers 13^h, Willerszell $13^1/_2{}^h$, Bellinzona 23^h (Crana Torricella Blitz u. Donner), Lugano nachts. **3.** Bevers nachts. **7.** Sarnen seit früh leichtes K, Gsteig p nahe im Osten, Locarno p im W leichtes K (Bellinzona u. Braggio Donner, Braggio ▲), St. Moritz gegen abend. **8.** Adelboden a, Château d'Oex $15^1/_2{}^h$ (Donner: Clarens, La Valsainte, Leysin), Boltigen p, Liestal $15^3/_4{}^h$ im Osten (Donner: Wintersingen, Waldenburg und Lampenberg), Weissenstein p (Langenbruck Donner im SW), Le Prese p, Neuchâtel: orage au NW allant au SE entre 17^m18^h avec quelques gouttes de pluie (tonnerre Chaumont), Romont vers 18^h, St. Urban 18^h, Grosshöchstetten p, Rheinfelden 18^{40}, Galenhütten 19^{40} u. $21^1/_2{}^h$, Lugano und Generoso abends (Braggio Blitz im Süden), Baden nachts. **9.** La Valsainte 14^{10} mit ▲ von $14^{10}–14^{29}$, Brusio 17^h, Bevers 17^{10} aus Osten mit ▲, Beatenberg 18^h über dem See, Linthal $18^3/_4{}^h$ S-N, Schiers 20^h K ohne Regen, Sils Maria von 20^h an, Le Sentier $20^1/_2{}^h$ court orage. **10.** Brusio p. **11.** Château d'Oex $16^1/_2{}^h$ K avec grosse pluie, Frauenfeld 20^{20} von N (Donner seit 13^h). **12.** Gsteig 16^h nahe im E, Visp 16^h von S und N leichte K mit einigem Donner und Regentropfen bis 17^h. **13.** Adelboden a, Galenhütten a, Bellelay von $15^1/_2{}^h$ an gegen S, Eigergletscher p mit ▲ und starkem Regen (Tagessumme 7.6 $^m/_m$). **14.** Sierre vers 16^h im SE, Galenhütten p, Airolo $16^1/_2{}^h$, Säntis $18^1/_2{}^h$, Seewis 19^h K mit wenig Regen (Schiers und Sargans Donner), Leysin ab 22^h. **15.** Uster 18^{05}, Jaun und La Valsainte 21^h. **16.** Männedorf p, Gingins $16^1/_2{}^h$, Einsiedeln 17^h mit ●2 (Vordertal u. Willerszell starke Regen), Küssnacht abends, Säntis $17^1/_4–18^h$ (17^{25} über Station). **17.** Arisdorf abends (Liestal $15^3/_4{}^h$ im Norden), Martigny p, Bellinzona 23^h. **18.** Lugano 3^h, Locarno $4^1/_2–6^h$. **19.** Aadorf $13^1/_2{}^h$, Schönenberg p, Weggis 18^{35} im W, Säntis 19^{25} NW-SE ($19^{30}–19^{40}$ ▲). **20.** Plantahof K ohne Regen. **21.** Visp 14^h über Brig K (einmal Donner). **22.** Diessenhofen $11^1/_2{}^h$, Schiers 12^h, St. Moritz $14–16^h$, Linthal 15^{20} W-E, Plantahof p, St. Urban p vom S. **24.** Baden a im S, Urnäsch a, Lohn $13^1/_2–13^3/_4{}^h$ („K nahm seinen Anfang über Station und zog gegen Osten“), Schönenberg p, St. Moritz $16–17^h$, Kilchberg p (Arisdorf Donner), Münster $17^3/_4{}^h$, Säntis $20^1/_2{}^h$ („von SW nach NE ziehend“). **26.** St. Moritz $17–18^h$ leichtes K, Innerferrera abends kleines K, Gersau 18^h K-Sturm. **28.** Mte. Bré $19^1/_2–20^1/_2{}^h$. **29.** Sta. Maria $13–13^1/_2{}^h$ („leicht“), Elm $13^{40}–14^h$, Uster $14^3/_4{}^h$ SW-NE mit ●2 (Platzregen $14^{45}–14^{56}$, 3.8 $^m/_m$). Fehraltdorf 15^h, Pontresina p, Bevers Donner. **30.** Büren zum Hof 21^h. **31.** Siders p, L'Auberson $21^1/_2{}^h$.

August 1. Leysin $1–1^1/_2{}^h$. **2.** Bellelay 18^h leichtes K (Mormont Donner). **3.** Mezzano $0^1/_2{}^h$ (43.8 $^m/_m$), Herzogenbuchsee 14^h kurz von SW, Scarl $14^{20}–15^1/_2{}^h$, Ebnat p, Schiers 10^h, Sils Maria $20^{40}–23^{10}$, Bennwil 21^h W-E. **11.** Chaumont p (viermal Donner), Mettmenstetten p m S, Linthal 17^{20} W-E mit ▲, Braggio $18^1/_2{}^h$ mit ▲ („20 Minuten lang fielen haselnussgrosse Körner“), Vättis 19^h, Remüs 19^h, Comprovasco nachts. **14.** Grosshöchstetten abends. **15.** Bourg St. Pierre 14^h, Grächen p (Varen und Hérémence Donner), Basel 21^{32} W-E, Ponte Tresa nachts. **16.** Nachtgewitter: Grindelwald, Uster 1^h, Gersau 2^h, Vals 2^h, Hof Oberkirch $10^1/_2{}^h$, Bevers $15–17^h$ („stark“). **17.** Wallenstadt p. **18.** Schüpfheim p, Scarl abends („leicht“), Leukerbad 21^h, Lauterbrunnen 21^{10}, Jaun $21^1/_2{}^h$, Schöfflisdorf und Niederhasli 22^h, Weesen und Glarus nachts. **21.** Genf nachts (10.2 $^m/_m$). **22.** Locarno $14^1/_2–14^3/_4{}^h$ (Crana Torricella zweimal Donner), Generoso p, Schleitheim p („kurz, aber heftig“), Brusio abends. **23.** Langnau $6–6^1/_2{}^h$ K-Sturm (mit schwachem Donner und Regenschauern), Mezzana nachts. **24.** Linthal 17^{10} im SW (Tagessumme (29.0 $^m/_m$). **26.** Les Brenets nachts. **27.** Urnäsch abends leichtes K (Säntis Blitz), Genf $19^1/_2{}^h$ (Nyon Donner), Kreuzlingen $20^1/_4{}^h$ W-E. **28.** St. Gallen 29^{38} („begann etwas ostwärts“). **30.** Bernhardin abends, Bellelay nachts (Tagessumme 29.1 $^m/_m$). **31.** Urnäsch p (Tagessumme 32.1 $^m/_m$), Generoso p, Einsiedeln $21–3^h$ (Tagessumme 98 $^m/_m$), Gsteig nachts („K mit ● und ✳).

September 1. Uster 12^{40} (Tagessumme 26 $^m/_m$), Locarno, Bellinzona und Comprovasco (K nachmittags bis abends). **2.** Generoso abends. **3.** Frauenfeld 17^{10} im W. **11.** Lampenberg nachm. W-E (Bennwil Donner), Schatzalp $10^{10}–17^h$ K mit ● und ▲, Filisur und Davos a, Sta. Maria $15–20^1/_4{}^h$, Le Prese p. **12.** Baulmes 12^{20}, Leysin $17^1/_4{}^h$ K N-S ohne Regen (Donner: Clarens, Château d'Oex $16^1/_2{}^h$ ▲), Buchsteg p, Ponte Tresa und Generoso abends, Haidenhaus $20–21^h$ im SW, Weggis $21–21^{30}$ im SW u. N. **13.** Bernhardin $13^1/_2{}^h$ alle 19^h, Braggio $17–20^h$, Leysin $17^1/_2{}^h$ (Clarens Donner), Vallorbe $17^1/_2{}^h$, Steckborn abends, Locarno nachts im SE, Lugano nachts. **14.** Bellinzona $7–8^{40}$. **17.** St. Urban $17^1/_2{}^h–18^h$ von Westen leichtes K (●2 und △), Bözberg $18^1/_2{}^h–19^1/_2{}^h$, Kilchberg abends, Gingins, Longirod, Corcelles, Yverdon und La Brévine abends. **18.** Burgdorf 5^h, Genf $13^1/_2{}^h$ Braggio 13^{42} im W, Lugano $14^{45}–15^{45}$ mit ▲. **19.** Uster 6^{25}, Mte. Bré $14–15^h$ (Lugano $15^1/_4{}^h$ ▲, Generoso p ▲), Rigi und Weggis 14^{10} mit ▲ (Luzern ▲ u. ⊀), Mettmenstetten p mit △ (Horgen Donner, △). Sihlwald 16^{20} K mit ● und ▲, Winterthur $19–19^1/_4{}^h$. **20.** Jaun p, Uster $16^{50}–17^{05}$ (Grüningen Donner), Rheinau $18^1/_4{}^h$ (Frauenfeld, Schaffhausen und Lohn Donner), Kreuzlingen $18^3/_4{}^h$, Aadorf ▲, Bischofszell und Haidenhaus $19–20$, La Brévine 19^h, L'Auberson $19^1/_2{}^h$, Weesen $19^3/_4{}^h$ heftiges K mit Sturm (Oberiberg ⊀), Marsens und La Valsainte 21^h (●, ▲, ✳). **21.** La Ferrière $12–12^1/_2{}^h$ K-Sturm, Aadorf $12^1/_2{}^h$ K-Sturm u. 19^h K, Hinwil p schwach (Grüningen Donner). **23.** Genf 14^h (Tagessumme 48.8 $^m/_m$), Braggio $21^1/_4–24^h$ im S, Bernhardin $21^1/_2–24^h$.

Oktober 2. Braggio 8^h. **3.** Bellinzona $3\text{-}6^h$. **4.** Generoso a und p. **12.** Bellelay $12^1/_2{}^h$, Murten 13^h (Freiburg Donner), Genf 21^h, Bern 21^{40} (Freiburg $\lessdot_a$), Aarberg nachts, Burgdorf $20^1/_4{}^h$ (St. Urban Donner). **13.** Corcelles früh, Genf 16^h, Braggio und Bellinzona abends und nachts. **14.** Locarno $17^3/_4\text{-}19^h$. **25.** Appenzell p. **26.** Genf 15^h, Uster 15^{08} NW-E. **27.** Locarno $19\text{-}21^h$ (Crana Torricella Blitz und Donner, Braggio $\lessdot_a$).

November 7. Locarno 16^h im SW, Braggio $16\text{-}19^h$ im NE, Mte. Bré $22\text{-}6^h$ $\swarrow$ mit $\ast$ (Crana Torricella $\lessdot_a$ und Donner, Braggio mehrere Donner u. $\ast$). **28.** L'Auberson 14^h au sud, Kippel $17^1/_2{}^h$. **30.** Locarno $18^{20}\text{-}18^{40}$ (Braggio $14^3/_4\text{-}19^h$ $\swarrow$ im SW), Bellinzona ab 18^{40}.

c) Blitz und Donner ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

März 9. Rigi ca. 17^h mit $\triangle$ (Walchwil 16^{55} einmal Donner, dann Schneegestöber). **April 23.** Entlebuch 13^h mit $\triangle$.

Mai 3. Visp 19^{35} einmal im NE. **10.** Sils Maria 18^h. **29.** Sils n. **30.** Comprovasco 15^{55}, Einsiedeln und Oberiberg 18^h. **31.** Guttannen a mit Regen und Schnee. **Juni 2.** Altdorf $9^3/_4{}^h$ dreimal Donner. **3.** Altstätten $0^1/_2\text{-}1^h$. 4. Sarnen 11^h. **11.** Bellinzona n. **14.** Glarus früh. **Juli 9.** Langenbruck im S. **10.** Sarnen $9^3/_4{}^h$ im N. **September 12.** Muri $20^1/_4{}^h$. **20.** Urnäsch abends einmal, Uster 16^{47} einmal 1 km westlich der Station. **21.** Schwäbrig 13^h. **Oktober 12.** La Ferrière nachts. **13.** Leysin 18^{25} einmal. **27.** Neuchâtel vers 19^h au S. **November 18.** Crana Torricella nachts. **Dezember 23.** Urnäsch p einmal bei Schneefall.

d) Donner ohne gleichzeitig wahrgenommene weitere Gewittererscheinungen in der betreffenden Gegend:

Februar 16. Arisdorf 19^h. **18.** Arisdorf $19^1/_4{}^h$. **März 2.** Rheinau 14^{25} gegen N. **27.** Burgdorf 17^h. **31.** Bern $20^1/_2{}^h$ einmal.

April 3. L'Auberson $17^1/_2{}^h$ einmal gegen den Mont d'Or. **5.** Einsiedeln $15^1/_2{}^h$. **6.** La Brévine 15^h dreimal, 22^h einmal, Bennwil abends im S. **7.** Langenbruck p zweimal, Reigoldswil abends im SW. **13.** Kölliken 16^{55} schwach nördlich der Station, 19^{55} fern südsüdöstlich, **16.** Rheinau 16^{35} im W, 16^{47} im NW. **19.** Bellinzona $15^1/_2{}^h$. **21.** Mormont 15^h. **23.** Burgdorf $13^1/_2{}^h$ im NW, Bern $14^{35}\text{-}15^{05}$ im S, Langnau 15^h, Luzern $15^1/_2{}^h$.

Mai 2. Liestal im N. **4.** Opfikon $10^{18}\text{-}10^{40}$, Guttannen 18^h. **5.** Zürich 16^{07} im S. **7.** Waldenburg nachts. **9.** Luzern $0^1/_2{}^h$ fern. **10.** Thusis p, Reichenau abends zweimal. **15.** Chaumont p einmal. **21.** Kölliken ca. 18^h westlich. **29.** Crana Torricella p, Herzogenbuchsee von 20^h an. **30.** Langnau im E $5^3/_4{}^h$ dreimal, Platta $8^1/_4{}^h$, Entlebuch a, Herzogenbuchsee von 20^h an.

Juni 2. Basel $14^{17}\text{-}14^{50}$ im SW. **3.** Braggio 14^{35} im W, Lausanne 14^{55} im S, Uster 18^h im S. **4.** St. Gallen 12^{55} aus der Gegend des Rorschacherberges, Sihlwald $22^1/_2{}^h$. **11.** Freiburg 17^h. **17.** Basel 15^{40}, Langenbruck und Bennwil 16^h im W. **24.** Braggio nachts im NW. **25.** Visp $15^1/_2{}^h$, Clarens 16^{50} im NW, $19^3/_4{}^h$ im SW, Basel $18^1/_2\text{-}18^{40}$ im S, Chaux-de-Fonds $19^1/_4{}^h$. **26.** Einsiedeln 6^{50} mit $\bullet^2$ (38.0 $^m/_m$ Tagessumme), Engelberg a zeitweise, Uster 6^{50} bei Regen und $18^1/_4\text{-}18^3/_4{}^h$ im S. **29.** Luzern 17^h, Sarnen abends öfters.

Juli 1. Bennwil p im N, Einsiedeln nachts. **5.** Nyon p. **7.** Sitten 17^{04} vereinzelt, Hérémence p. **8.** Hallau $15^{40}\text{-}16^{10}$ im N dreimal, Varen p. **9.** Reigoldswil $14^1/_2{}^h$, Langenbruck p, La Valsainte $15\text{-}15^1/_4{}^h$, Hérémence p. **10.** Altstätten $15^{10}\text{-}15^{20}$, Bevers 17^h, St. Maria $17^1/_2{}^h$ im N. **12.** Sta. Maria 17^{28} im E. **13.** La Valsainte $17^{10}\text{-}17^{25}$ mehrmals. **14.** Lachen abends, Braggio 17^h im W. **15.** Horgen 14^h im SW, Vättis $14^1/_2{}^h$ mit $\blacktriangle$, Seewis und Schiers $14^1/_2{}^h$, Sta. Maria $17^{40}\text{-}18^h$ von S. **16.** Bennwil 18^h im W, Braggio 19^{25} im S. **17.** Crana Torricella p, Clarens $21^1/_2\text{-}22^h$. **19.** Uster 12^{50} im NE. **22.** Schaffhausen $9^1/_4{}^h$ im Randen, Altstätten $10^1/_2{}^h$ im SW zweimal, Pfeffingen 15^h, Lohn abends zweimal bei wolkenbruchartigem Regen, Basel p, Visp p. **24.** Freiburg $14^1/_2{}^h$, Bellinzona 17^h, Crana Torricella $17^1/_2{}^h$. **25.** Säntis $13^1/_2{}^h$ einmal. **31.** Hérémence abends, Plantahof abends.

August 3. Platta 11^{42}, Teufen $12^{30}\text{-}12^{50}$ im N u. NE. **11.** Langenbruck 14^h im S, Kölliken $14^1/_4\text{-}15^h$ viermal schwach, Teufen 15^h im SW, St. Gallen $15^{01}\text{-}15^{12}$ im S, Bennwil 19^h im W. **12.** Chaumont nachts. **18.** Clarens $21^3/_4{}^h$ im NW. **22.** Horgen 18^{40} im S. **23.** L'Auberson 15^h einmal. **24.** Sarnen $18^1/_2{}^h$ im E. **27.** Altstätten $18^1/_2{}^h$ einmal im S, Teufen $20^1/_2{}^h$. **31.** Teufen 18^{25} im W.

September 1. Uster 14^h. **4.** Zürich $13^3/_4{}^h$ im W. **12.** Chaux-de-Fonds $13^1/_2{}^h$, Lohn 14^h im E, St. Urban $14^1/_2{}^h$ im NW, Böttstein abends im NE. **13.** Choindez a, Langnau im E. **16.** Augst $15^1/_2{}^h$, Basel $15^3/_4{}^h$, Bern $16^3/_4\text{-}16^{50}$. **17.** Yverdon 14^{10}, Corcelles p. **18.** Hallau $7^1/_2{}^h$, Platta 13^{16} „stark". **19.** Freiburg $12^1/_4\text{-}12^3/_4{}^h$, Frauenfeld 14^{10}, Grosshöchstetten p. **20.** Wintersingen $16^{02}\text{-}16^{05}$ mit $\blacktriangle$, Mormont p, Horgen 17^h einmal, Lausanne 18^h aus SW mit $\bullet$, Romont 18^{50} mit $\blacktriangle$. **21.** Altstätten 12^{53}, Frauenfeld 15^{36}. **23.** Steckborn $18^1/_2{}^h$ mit etwas $\triangle$.

Oktober 12. La Ferrière p, Lausanne $21^1/_2{}^h$ im S u. E. **13.** Clarens 9^{55} einmal im SW, $15^1/_4{}^h$ einmal im NW, 18^{25} einmal im SE. **20.** La Brévine p. **21.** La Ferrière nachts. **26.** Engelberg $17^3/_4{}^h$ viermal. **November 30.** Brissago $18\text{-}19^h$.

e) Blitze ohne gleichzeitig wahrgenommene weitere Gewittererscheinungen in der betreffenden Gegend:

Februar 18. Bennwil 19^h, Langenbruck $19\text{-}20^h$ im S, Teufen nachts bei Schneefall. **März 4.** Chaumont p. **April 11.** Genf 15^{30}. **19.** Braggio 20^h im S. **Mai 3.** Neuchâtel vers 21^h, Clarens 21^h im W und NE, Wintersingen 21^{33} im S. **26.** Crana Torricella p. **Juni 3.** Wintersingen 22^h. **14.** Generoso nachts. **30.** Seewis p in der Ferne. **Juli 8.** Säntis $20^1/_2{}^h$ im N, Wintersingen $21\text{-}22^h$, Hallau $21^1/_2{}^h$, Pfeffingen 22^{35}, Kreuzlingen nachts im S. **9.** Pfeffingen abends, Säntis 21^h im W, Arisdorf n. **10.** Lausanne abends 20^{50} im SW, La Brévine abends. **15.** Leysin $21^1/_2{}^h$. **17.** Chaumont abends, Genf $21^1/_2{}^h$, Lauterbrunnen 22^h. **31.** Schiers im NW, Säntis nachts. **August 11.** Wintersingen 21^h im E. **12.** Einsiedeln $20^1/_2{}^h$. **15.** Platta abends, Braggio $20^3/_4{}^h$ im W. **16.** Säntis 20^{50}. **31.** Langnau 22^h. **September 12.** Augst und Arisdorf abends, Hallau 20^h im S, Kreuzlingen 20^h im W, Wintersingen $21^{10}\text{-}21^{20}$ im SW, seit 21^{50} im S. **13.** Genf 19^h, Freiburg 20^h im SE, Leysin 20^h im SE, Wintersingen 21^{50} im SE, Pfeffingen 21^{50} im SE, Dailly 22^h, Platta nachts. **14.** Crana Torricella 19^{30}. **17.** Augst $20^1/_2{}^h$. **18.** Aarau nachts im S. **20.** Lausanne 19^{45} und 20^{07} im NW und W. **22.** Nollen nachts. **Oktober 1.** Wintersingen 21^{32}. **2.** Crana Torricella. **12.** Dombresson abends. Lausanne 19^{35} im S u. E. **27.** Seewis $19^1/_2{}^h$. **Dezember 28.** L'Auberson 20^h.

f) Wetterleuchten ohne gleichzeitig wahrgenommene weitere Gewittererscheinungen in der betreffenden Gegend:

Februar 18. Böttstein 19^{20}. **März–April 12.** Aadorf p im W. **13.** Frauenfeld nachts. **22.** Bevers n. **Mai 3.** Liestal nachts, Kölliken 21^h südlich, anhaltend. **10.** Visp abends im SE. **17.** Interlaken, Visp im S. **Juni 24.** Altdorf nachts. **Juli 8.** Visp abends im S, Sta. Maria abends, Kölliken 21^{35} im SE, Horgen 22^h im SW, Uster 23^{45} im S. **9.** Uster $0\text{-}1^h$ im SW, Adelboden und Visp abends, Schaffhausen $21\text{-}22^1/_2{}^h$ im S u. SE, Lohn nachts im W. **13.** Sihlwald abends, Frauenfeld nachts im N. **14.** Gersau $16^1/_2{}^h$, Schaffhausen $21\text{-}23^h$ im W, SW, S und SE, Kölliken 23^h, Muri nachts im E. **23.** Visp und Splügen abends. **24.** Bellinzona 17^h. **31.** Visp und Sitten abends, Seewis nachts.

August 2. Kölliken $21^1/_2{}^h$ östlich. **11.** Locarno nachts, Lohn nachts, Kreuzlingen nachts im NE und E. **15.** Wilchingen im NW. **16.** Visp nachts im S. **18.** Kölliken 20^h östlich. **31.** Visp abends im SW, Uster 22^h im S, Interlaken nachts. **September 11.** Gsteig abends im S und SW, Uster 21–22^h im S und NE, Lauterbrunnen von 21^h an gegen N, Wilchingen, Altdorf und Visp nachts. **12.** Gsteig abends, Böttstein abends im NE, Kölliken 20–$20^1/_2{}^h$ östlich, St. Urban 20^h im S, Schaffhausen 20–21^h im S, Möhlin nachts. **13.** Uster 20–24^h im S, Schaffhausen 21–22^h im S, Lauterbrunnen ab 22^h gegen S, Visp nachts. **14.** Uster nachts. **15.** Schaffhausen 20–$21^1/_2{}^h$ im SE und N. **Oktober 13.** St. Urban $0^1/_4{}^h$ im W, Visp gegen 24^h im S. **27.** Visp 19^h im SE, Engelberg 20^h im S, Uster nachts im S.

Verzeichnis der bekannt gewordenen Blitzschläge.

In Gebäude.

a) Mit Zündung: **Juli 9.** Litt. e. Faido: Blitzschlag in einen Stall mit Heuvorräten. **August 15.** Litt. n. Château d'Oex: La foudre est tombée sur un chalet d'alpage de la vallée de l'Hongrin, au Plaudry, et l'a incendié; pendant le second orage, un second chalet a été détruit de la même façon. Oberried: La foudre a incendié la grange et la provision de fourrage de Peter Grossmann. Litt. o. Egg bei Einsiedeln: Blitzschlag in drei Scheunen; der Einsiedler Anzeiger vom 18. August 1923 berichtet: „Nach einer vierzehntägigen Schönwetterperiode setzte um 10^h nachts ein Gewitter ein. Ein Blitz folgte dem andern. Plötzlich rötete sich der Himmel. Vier mächtige Feuergarben durchbrachen das nächtliche Dunkel. Auf Horben, in der Au und auf Oberegg brannten drei Scheunen lichterloh, und vom Horgenerberg her kündete ein heller Lichtschein eine weitere Unglücksstätte (Blitzschlag in ein Bauernhaus). Die einzelnen Blitzschläge müssen innerhalb weniger Minuten erfolgt sein. Die Entzündung geschah so rasch, dass in der Au gar kein Vieh gerettet werden konnte; in Horben blieben mehrere Stück in den Flammen, in der Au kamen 7 Kühe um, in Horben blieben eine Kuh und 5 Stück Jungvieh in den Flammen."

b) Mit Demolition: **Mai 24.** Litt. b. Zürich: Blitzschlag in ein Dach an der Rietlistrasse. Zollikon: Blitzschlag in ein Kamin. **August 15.** Litt. c. Werthenstein: Blitzschlag in ein Wohnhaus in Wolhusen ohne zu zünden, ebenso in Hasle (Schüpfheim).

c) Ohne nennenswerten Schaden: **Juni 25.** Litt. b. Wyssachen: Blitzschlag in ein Bauernhaus.

In Türme.

August 15. Litt. n. Leysin: La foudre est tombée sur la clocher de l'église et a renversé deux gardes civiques qui s'abritaient sous le porche.

In Bäume.

Juni 25. Litt. c. Sparenegg: Blitzschlag in eine Linde neben einem Bauernhaus; im Steinacker Blitzschlag in einen Saarbaum; in der „Mauer" Blitzschläge in Eichen.

In Blitzableiter.

Juni 25. Litt. d. Pfeffingen: 14^{27} Blitzschlag in den Blitzableiter des Schulhauses.

In Telephon-, Telegraphen- und andere Schwachstromleitungen.

September 2. Bellelay: Blitzschlag in Telephonleitung.

In elektrische Starkstromleitungen.

April 12. Litt. a. Arisdorf: $18^1/_2{}^h$ Blitzschlag in die elektr. Leitung. Einführung und Zählersicherung sind geschmolzen. **Mai 24.** Litt. b. Zürich: 15^{56} Blitzschlag in den Eisenmast der Fahrleitung der städtischen Strassenbahn (Ecke Limmatquai-Unterer Mühlesteg). Der Blitz folgte dem Fahrdrahte und durchschlug beim Streckenunterbrecher am untern Mühlesteg im Innern des Mastes die Isolation der Verbindungskabel, wodurch diese mit dem Maste in blanke Berührung kamen. Durch den entstehenden Kurzschlusslichtbogen wurde die Wandung des Mastes auf eine Länge von ca. 30 ‰ glatt durchschlagen. **Juni 25.** Litt. c. Kölliken: 18^{52} Blitzschlag in die Lichtleitung mit Zertrümmerung mehrerer Lampen. **August 15.** Litt. f. Uster: Blitzschlag in die Leitung des Pumpwerkes. **22.** Litt. c. Lorzentobel: Blitzschlag in die Strassenbahnleitung.

In Personen.

Juli 24. Litt. c. Blitzschlag in eine Hütte in Eisenrot mit Verletzung von zwei Personen. **August 15.** Litt. c. Klosters: Auf Partentalp tötete der Blitz den 16jährigen Hirten Ernst Sturzenegger. Litt. n. Auf dem Stadberg bei Wimmis tötete der Blitz zwei Kinder.

In Tiere.

August 15. Litt. c. Klosters: Auf Partentalp wurden zwei Kühe vom Blitz getroffen.

Ins Wasser.

Mai 24. Litt. d. Zürich: 15^{50} Zackenblitz in den See.

Elmsfeuer.

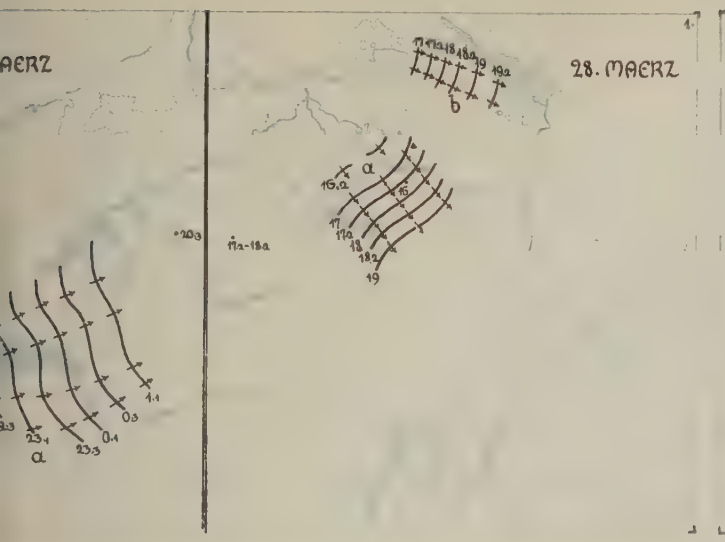
April 19. Arosa 17^{25}–17^{40}. **Juni 26.** Säntis. **Oktober 4.** Arosa 22^{27}.

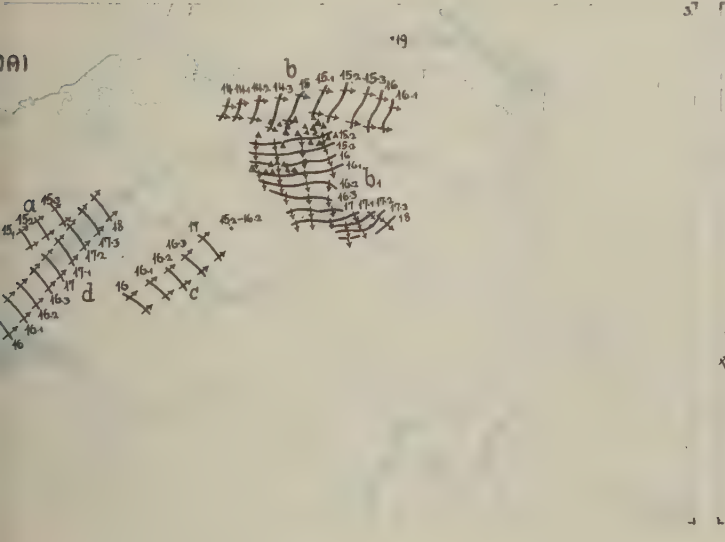
Dr. **H. Rebsamen.**

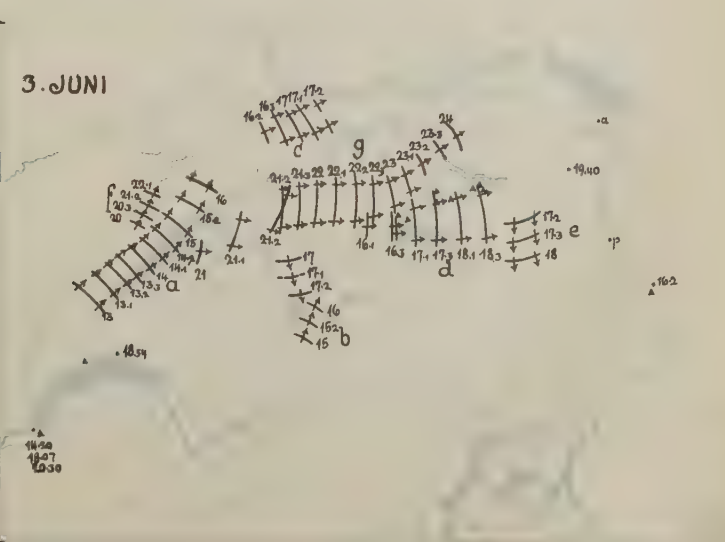
Errata.

Seite 5. Mai 24. Litt. b. Kolonne 10, statt Schöffisdorf: Schöfflisdorf.
„ 7. Juni 25. Litt. f. „ 10, „ Zug: Zugersee.
„ 10. Juli 19. Litt. a und b. Kolonne 2: a und b zeitlich verwechselt.
„ 13. Aug. 18. Litt. b. Kolonne 10: soll heissen über **dem** Schanfigg.

Graphische Darstellung der Hauptgewittertage im Jahre 1923.







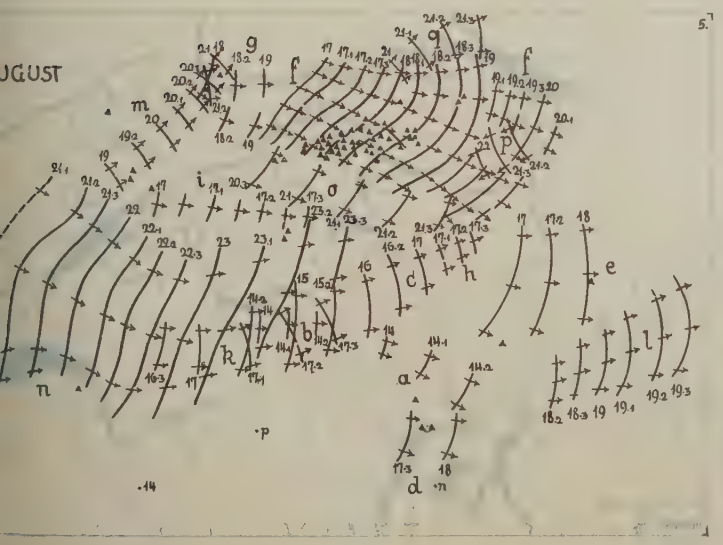
ORELL FÜSSLI & KRATZ ZURICH 2

II.

Graphische Darstellung der Hauptgewittertage im Jahre 1923.

LITH. GEBR. FREY & KRATZ ZÜRICH 2

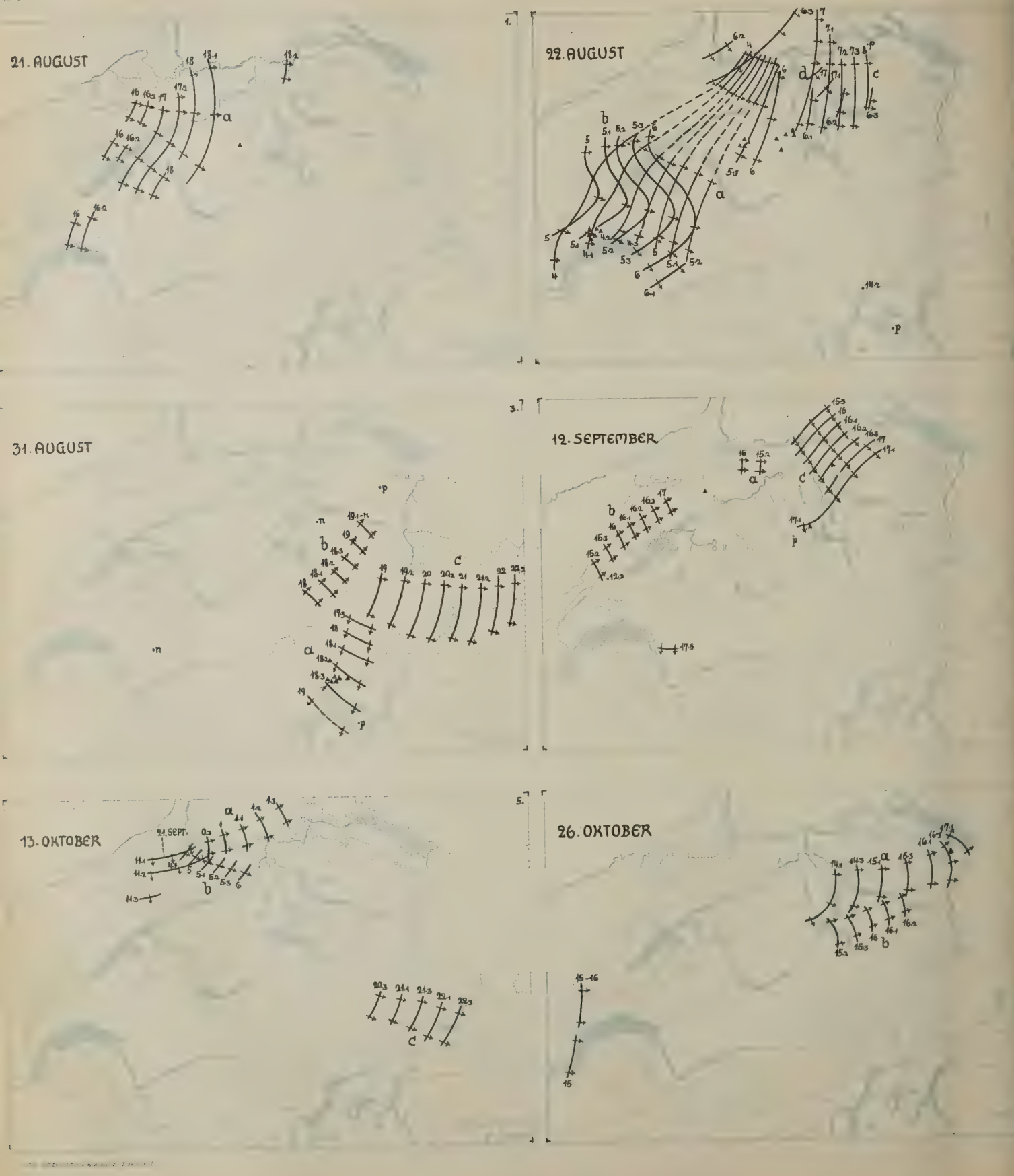
Graphische Darstellung der Hauptgewittertage im Jahre 1923.



R FREY & KRATZ ZÜRICH 2.

IV.

Graphische Darstellung der Hauptgewittertage im Jahre 1923.



Nr. 4.

Ergebnisse der Registrierungen des Sonnenscheinautographen im Jahr 1923

auf den Stationen:

Lugano, Genf*), Lausanne*), Clarens, Siders, Chaux-de-Fonds, Mont Soleil (ob St. Imier), **Neuchâtel, Bern, Luzern*), Basel*), Wintersingen** (Baselland), **Hallau, Haidenhaus, Zürich, Plantahof** (b. Landquart), **Davos, Arosa, St. Moritz und Säntis.**

*) Basel (Bernoullianum) besitzt seit Januar 1908 einen neuen Sonnenscheinautographen (Modell Negretti & Zambra); Genf desgleichen seit 15. Januar 1909, Lausanne seit Anfang Januar 1909 und Luzern seit Beginn 1910.

Die nachstehenden Tabellen geben einerseits für jeden Tag des Jahres eine synoptische Uebersicht der Sonnenscheindauer an den verschiedenen Stationen, anderseits die Monats- und Jahressummen der klimatischen Hauptgebiete unseres Landes.

Monats- und Jahressummen der Sonnenscheindauer in Stunden.

1923	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuchâtel	Bern	Luzern	Basel	Wintersingen	Hallau	Haidenhaus	Zürich	Plantahof	Davos	Arosa	St. Moritz	Säntis
Januar . . .	126	75	83	77	90	42	39	52	55	37	48	40	29	15	29	38	62	60	69	70
Februar . . .	96	49	62	50	71	45	46	42	51	60	46	42	36	17	49	63	79	81	89	56
März	195	126	124	121	164	107	98	104	95	92	95	68	95	60	99	148	172	163	173	167
April	114	180	153	123	156	136	127	168	139	126	159	130	149	52	153	138	134	136	123	104
Mai	214	258	234	187	221	187	183	228	224	215	227	194	210		235	226	222	216	209	169
Juni	150	272	229	156	185	145	127	200	181	131	177	136	130		159	136	123	94	158	57
Juli	291	333	303	250	274	259	248	308	292	303	300	267	269		301	270	262	260	251	168
August . . .	283	324	302	250	278	271	273	298	289	276	282	262	263		282	251	248	248	263	215
September . .	213	230	198	167	189	188	186	204	200	188	209	189	189	Sonnenscheinautograph Mitte Mai böswilliger Weise demoliert.	192	170	162	156	*166	134
Oktober . . .	121	104	96	85	116	99	104	93	108	96	110	94	84		102	99	108	107	*110	82
November . .	88	53	45	42	76	60	56	41	50	60	63	54	50		57	95	95	101	87	87
Dezember . .	109	47	57	41	48	31	41	30	29	28	28	27	23		24	18	49	52	58	71
Jahr .	2000	2051	1886	1549	1868	1570	1528	1768	1713	1612	1744	1503	1527		1682	1652	1706	1674	1756	1380

*) ergänzt nach Arosa.

1923. **Tägliche Dauer des Sonnenscheins in Stunden.**

Januar											Februar									
Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	0.0	1.0	0.5	1.5	1.2	0.0	0.4	1.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
2	6.9	6.2	5.8	6.3	5.4	6.1	7.1	3.8	5.6	7.6	7.4	6.6	5.9	0.0	4.5	3.0	0.3	2.6	3.7	0.0
3	0.2	0.0	1.0	0.0	1.3	1.1	0.4	0.3	0.0	0.4	7.4	0.0	1.0	2.6	0.0	4.1	0.0	3.2	6.6	8.9
4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	1.2
5	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	5.0	7.9	0.2	0.0	6.0	0.0	0.0	0.0	1.3	0.5	1.7	5.7
6	0.0	4.0	4.9	4.6	5.8	0.0	6.1	3.4	0.1	5.7	0.9	4.2	6.5	7.2	1.2	0.0	2.8	0.0	6.6	9.7
7	0.0	0.0	3.2	0.0	0.6	4.3	0.0	0.3	1.3	1.9	0.0	4.0	6.3	3.4	5.0	7.4	3.8	6.4	4.5	3.6
8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.1	1.7	3.5	3.5	3.9	3.4	5.7	1.6	3.1
9	3.7	0.0	0.5	0.0	0.0	0.0	0.1	0.1	0.5	0.0	0.0	4.0	3.1	1.2	2.3	2.1	0.9	1.1	0.0	0.0
10	0.5	0.0	1.0	0.0	0.0	0.8	0.0	0.2	0.1	0.0	0.5	2.9	3.3	3.2	3.9	0.0	5.0	0.1	6.1	5.7
11	0.0	2.2	0.0	0.0	0.0	0.2	9.9	0.2	0.2	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0
12	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
13	1.2	1.0	2.7	0.0	0.0	0.0	0.1	0.3	0.1	0.0	4.5	0.0	3.0	0.0	0.0	1.7	0.1	0.1	0.4	0.0
14	6.0	2.4	2.1	0.9	1.8	1.9	0.2	2.0	4.9	5.1	5.0	0.0	6.0	7.3	0.0	1.7	5.2	0.5	6.0	8.6
15	7.1	4.2	3.6	0.0	1.4	0.6	0.0	0.4	0.0	0.0	0.0	0.7	0.2	1.5	0.4	0.0	0.3	0.0	0.0	0.0
16	7.2	0.7	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	3.8	0.0	3.9	3.0	0.0
17	7.3	7.6	6.3	3.1	5.6	1.5	2.8	0.0	1.3	0.0	2.7	0.0	0.0	0.0	0.0	1.2	0.0	0.2	1.0	0.0
18	7.4	5.7	6.4	2.3	4.8	2.6	2.8	4.2	4.6	0.1	7.0	1.7	0.8	0.0	1.5	2.5	0.6	0.7	2.1	0.0
19	7.4	7.1	6.1	6.9	7.3	6.3	7.8	5.9	5.5	3.8	0.0	1.2	1.1	0.0	0.4	0.0	1.6	0.1	0.0	0.0
20	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.2	4.9	6.2	0.0	2.0	1.2	1.0	0.8	3.7	0.0
21	2.3	5.4	4.6	0.8	1.2	0.0	1.3	0.2	1.1	0.0	7.6	1.7	2.2	0.0	3.9	5.6	1.4	4.5	5.8	3.6
22	6.7	7.5	6.4	5.0	6.5	7.9	6.9	4.4	5.4	8.3	9.5	6.2	5.3	6.5	8.1	6.9	4.4	5.2	6.7	2.5
23	7.5	2.1	3.5	1.4	2.6	0.0	2.1	0.3	0.4	0.0	1.2	3.4	2.9	3.0	3.2	3.6	3.8	2.8	0.0	0.0
24	3.4	6.7	5.8	5.2	3.5	2.3	6.5	1.9	4.9	2.8	1.7	0.3	1.0	0.0	0.0	0.0	1.1	3.5	4.2	2.8
25	7.5	6.6	5.9	4.1	5.9	0.6	2.2	0.1	1.2	2.6	6.8	0.2	0.0	0.0	0.1	2.5	0.2	0.0	2.6	0.0
26	7.7	0.0	5.8	0.0	0.0	0.0	0.0	0.0	5.6	9.1	3.9	0.0	0.0	0.0	1.4	2.4	0.8	1.9	3.9	0.7
27	7.8	0.0	6.2	0.0	0.0	0.0	0.0	0.0	6.0	9.0	1.0	2.6	2.6	3.9	4.4	1.8	5.9	1.0	0.0	0.0
28	7.9	0.0	0.0	0.0	0.0	0.9	0.6	0.0	5.9	6.1	8.4	3.5	3.3	1.8	4.5	4.8	1.9	3.6	2.5	0.0
29	5.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0										
30	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
31	6.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
Mittel	4.1	2.4	2.9	1.4	1.8	1.2	1.5	0.9	2.0	2.3	3.4	1.8	2.5	1.6	1.8	2.2	1.6	1.7	2.8	2.0

März											April									
1	5.7	0.0	0.0	1.5	3.0	4.2	3.0	2.7	1.0	0.0	10.1	10.7	6.4	7.5	6.0	6.0	10.7	8.1	6.6	3.7
2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.0	0.0	11.5	10.1	11.6	11.2	5.5	9.5	7.7	9.7	12.3
3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	11.2	7.9	4.4	4.9	6.6	8.5	10.5	10.8	7.3	4.1
4	7.9	0.2	1.3	0.0	0.0	0.7	0.5	0.7	0.2	0.0	0.0	8.3	4.3	8.7	4.6	11.1	11.7	11.4	9.6	7.9
5	8.1	1.7	4.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.3	0.1	7.5	9.6	8.6	5.7	9.8	8.9	6.6	1.0
6	6.3	9.3	8.7	0.0	5.4	0.0	0.9	0.3	0.1	0.1	1.0	8.6	4.8	8.4	7.8	10.0	8.6	9.3	7.9	11.4
7	6.1	0.7	0.0	0.0	0.0	0.0	0.1	0.0	1.6	0.2	7.6	6.6	8.8	2.4	7.5	11.0	9.8	10.8	8.7	6.0
8	5.6	0.0	1.4	0.0	1.5	1.3	1.2	0.8	4.0	1.0	1.7	7.2	5.3	5.3	3.6	0.0	0.0	0.0	2.9	0.0
9	0.9	0.0	3.5	1.5	0.8	0.0	0.3	0.9	0.1	0.0	0.0	7.8	7.5	4.5	1.5	0.0	1.9	1.9	1.7	2.4
10	6.4	4.5	0.0	0.0	1.5	0.0	0.0	0.1	1.1	1.2	11.6	11.7	10.9	11.7	10.4	11.2	10.7	11.5	9.6	12.7
11	9.3	0.1	5.3	0.0	0.3	0.0	0.4	0.4	7.9	6.7	8.9	10.4	10.7	9.4	10.4	10.9	11.0	11.1	10.9	11.0
12	10.3	7.8	1.5	0.0	1.6	0.0	1.5	0.0	1.3	0.6	0.0	4.0	1.6	1.7	3.1	4.4	2.7	4.6	6.9	5.7
13	10.5	7.5	8.9	5.6	1.2	0.3	3.1	1.7	9.5	11.0	0.0	0.0	2.3	1.3	1.2	3.7	1.5	4.7	1.0	3.3
14	7.5	0.0	8.3	0.0	0.0	0.0	0.0	0.0	3.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0
15	0.4	3.8	8.0	4.5	0.1	0.0	2.2	0.8	5.4	6.8	0.6	4.5	0.0	1.9	0.0	0.0	0.8	0.0	0.0	0.0
16	10.7	5.8	8.9	8.5	3.9	1.7	0.0	0.3	9.6	8.7	8.4	3.0	1.8	0.0	1.7	0.0	3.1	0.9	0.2	0.0
17	10.5	4.0	9.2	8.8	5.9	0.0	3.8	0.6	9.7	11.3	2.3	2.6	0.0	4.5	0.9	1.0	1.2	0.0	0.0	0.0
18	0.0	6.0	9.4	9.5	3.6	0.0	2.3	0.0	9.6	11.5	7.8	10.4	11.1	7.1	5.4	3.8	6.4	2.3	8.0	9.0
19	9.1	0.0	0.0	5.4	0.1	0.7	8.2	2.9	9.7	11.3	0.7	8.9	3.7	3.4	3.8	1.3	2.3	0.7	2.1	0.0
20	1.9	0.0	4.1	3.6	4.0	4.1	4.2	6.8	8.0	9.8	0.0	3.4	2.5	1.6	0.6	1.6	1.7	1.8	0.2	0.0
21	0.0	0.0	0.4	0.0	0.0	2.6	1.1	3.8	5.6	4.4	0.0	0.0	0.0	0.0	0.8	0.8	0.1	1.7	0.2	1.2
22	0.0	5.3	9.7	4.7	2.7	6.2	3.1	6.1	5.3	4.3	4.0	10.9	10.4	6.3	9.4	0.0	5.4	11.3	7.8	6.3
23	1.9	6.5	8.0	9.3	9.6	10.8	10.4	10.0	9.5	9.4	5.2	1.5	1.2	1.9	1.5	0.0	7.1	0.8	0.5	0.0
24	6.2	8.1	7.3	6.8	8.4	10.9	8.3	9.6	9.9	12.0	4.8	0.0	7.0	0.0	0.0	0.0	3.7	0.0	3.1	0.0
25	10.6	10.1	9.7	9.1	9.9	11.1	10.3	10.8	9.6	11.7	4.4	12.9	9.9	9.4	11.3	10.9	11.3	12.5	5.8	2.7
26	10.8	10.8	10.0	9.6	8.9	11.3	9.6	10.7	10.1	12.0	3.6	9.0	10.2	11.4	11.1	12.4	12.2	12.7	11.0	2.8
27	11.0	11.2	10.0	9.3	11.1	11.1	9.4	11.2	10.1	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	10.8	7.1	9.4	3.7	5.6	8.8	7.3	10.2	9.9	8.2	2.4	2.8	2.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
29	7.5	0.3	1.5	0.0	0.0	0.0	0.0	0.6	9.6	0.0	3.4	3.3	2.3	0.6	0.9	0.6	2.4	0.7	0.9	0.0
30	8.6	7.2	6.1	0.0	0.9	0.0	0.7	2.5	6.4	10.1	12.3	11.5	9.0	0.7	7.3	5.7	2.4	7.2	4.3	0.0
31	6.6	8.4	8.9	5.2	5.3	6.4	3.1	4.4	3.5	2.0										
Mittel	6.3	4.1	5.3	3.4	3.1	3.0	3.1	3.2	5.6	5.4	3.8	6.0	5.2	4.5	4.6	4.2	5.3	5.1	4.5	3.5

Tägliche Dauer des Sonnenscheins in Stunden.

1923.

Mai

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	12.5	13.4	12.4	12.6	13.2	13.6	12.5	13.0	11.5	13.8
2	12.5	13.6	12.3	12.5	13.4	12.6	13.3	13.1	12.0	14.5
3	10.8	13.5	9.3	11.3	10.6	11.6	12.1	11.5	10.2	1.2
4	11.5	13.7	11.0	13.3	13.3	13.4	12.2	12.6	7.7	7.6
5	12.0	13.6	12.3	12.5	13.4	13.5	13.3	13.1	11.7	14.7
6	10.9	12.9	11.4	11.1	12.1	11.6	11.2	11.2	11.7	12.0
7	12.4	13.7	12.3	13.1	13.4	12.7	13.6	13.4	11.8	14.5
8	12.2	11.3	10.9	11.7	11.7	12.2	12.5	12.8	11.9	13.5
9	2.2	0.0	0.6	1.2	1.1	1.4	3.3	3.0	5.2	0.0
10	1.8	1.9	3.0	0.7	0.9	1.2	1.1	1.1	2.2	0.0
11	12.2	8.3	9.5	5.1	7.9	9.4	7.5	9.9	10.4	5.6
12	5.1	1.3	5.9	2.3	2.9	6.8	2.1	4.1	10.2	3.4
13	6.8	10.7	9.6	7.3	11.7	12.2	8.4	13.1	7.5	10.2
14	2.9	0.0	1.1	0.1	0.2	1.9	0.0	1.6	4.0	2.3
15	8.2	12.3	11.6	11.3	9.9	9.6	12.6	10.7	8.3	9.1
16	3.4	2.6	1.3	2.3	4.6	4.2	4.4	3.9	6.9	6.3
17	11.9	10.9	12.3	4.1	8.3	5.9	10.6	5.0	5.6	0.5
18	10.3	13.4	7.7	10.8	10.4	7.2	13.8	12.1	4.4	6.6
19	7.8	7.5	5.5	0.5	1.8	2.8	0.2	0.9	3.7	0.7
20	3.7	10.9	6.3	5.0	10.4	4.2	10.7	10.0	1.9	2.2
21	8.5	11.0	7.7	6.3	9.0	5.6	4.6	7.8	6.7	1.1
22	11.3	10.6	10.2	1.8	3.7	2.6	7.3	4.7	7.8	0.0
23	5.7	14.1	11.4	9.3	13.1	12.3	12.0	13.3	10.3	8.9
24	4.7	5.4	2.3	0.6	2.8	2.1	1.5	2.7	4.2	0.0
25	1.2	0.0	0.2	0.0	0.0	0.2	0.0	0.7	0.9	0.0
26	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.3
27	0.0	5.0	8.2	3.8	4.1	5.4	8.4	8.1	4.6	0.3
28	0.0	3.8	0.0	1.4	0.0	0.0	1.2	0.1	6.3	5.1
29	4.7	5.9	0.1	5.3	5.8	6.7	7.1	6.5	6.0	4.7
30	0.0	9.1	5.2	0.3	3.1	1.3	1.2	2.5	5.5	2.8
31	6.6	7.8	9.0	9.7	10.7	8.4	7.8	12.0	7.5	7.4
Mittel	6.9	8.3	7.1	6.0	7.2	6.9	7.3	7.6	7.2	5.5

Juni

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	11.0	12.1	7.5	6.7	9.4	10.2	8.9	10.3	8.7	0.0
2	4.5	10.7	10.4	6.6	11.4	10.4	7.7	7.2	3.7	0.5
3	6.6	12.1	8.5	8.5	10.3	8.5	7.2	9.5	6.4	5.6
4	5.1	0.0	0.0	0.3	0.4	0.0	0.4	0.0	2.6	0.0
5	10.2	6.2	2.4	0.5	0.6	0.0	3.5	1.5	2.2	0.0
6	12.5	7.9	7.1	1.8	4.4	2.9	1.4	2.0	2.0	0.0
7	13.0	11.3	6.7	2.3	2.3	1.3	6.5	6.5	0.6	0.0
8	12.8	13.5	12.5	12.4	12.4	10.4	12.7	12.2	11.7	12.5
9	12.7	14.4	12.9	13.9	13.9	13.0	12.8	11.6	12.0	11.0
10	12.8	14.5	12.7	14.1	13.9	5.9	14.5	13.8	12.2	12.5
11	12.4	12.3	11.9	5.4	11.3	5.0	5.1	9.7	6.2	1.9
12	11.8	13.8	10.9	11.6	8.4	6.2	13.0	7.1	5.6	0.3
13	10.8	3.3	1.0	0.1	1.7	2.4	0.3	0.9	2.0	0.0
14	11.4	3.4	2.4	0.1	0.9	2.0	0.4	1.3	0.7	0.0
15	8.9	12.8	4.0	4.2	3.9	1.5	4.9	3.9	5.0	0.0
16	9.7	4.1	3.5	1.2	1.3	3.5	1.4	2.5	1.0	0.0
17	0.0	4.5	3.1	1.9	1.7	1.3	2.6	4.2	3.8	0.0
18	0.0	4.3	0.5	0.9	1.1	0.0	3.0	0.0	0.0	0.0
19	8.5	11.8	9.4	0.9	3.2	1.9	4.7	0.2	0.0	0.0
20	2.7	1.5	0.6	0.0	0.0	0.4	0.2	0.5	2.0	0.0
21	5.0	9.2	8.4	1.0	3.1	0.8	8.1	4.3	0.7	0.6
22	10.8	8.3	1.0	1.3	1.2	0.0	1.2	0.0	1.4	0.0
23	6.0	12.9	4.1	2.1	4.3	1.9	1.0	1.3	0.0	0.0
24	12.5	10.5	7.9	10.3	11.4	5.8	9.9	7.8	9.1	5.4
25	2.3	5.7	1.2	6.9	7.2	5.8	10.3	8.8	0.8	0.0
26	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
27	12.3	13.5	12.2	8.2	10.1	3.7	10.1	7.3	6.9	0.0
28	2.0	13.5	8.8	6.6	11.7	9.4	5.4	6.1	4.8	2.7
29	6.8	9.4	1.2	2.5	5.4	2.7	6.2	5.2	0.8	0.2
30	13.2	14.4	12.4	12.6	14.2	14.4	13.9	13.6	9.6	2.8
Mittel	8.3	9.6	6.2	4.8	6.0	4.4	5.9	5.3	4.9	1.9

Juli

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	6.3	13.0	10.1	5.6	8.5	9.4	5.2	6.1	7.1	0.6
2	3.0	11.4	3.2	3.2	3.5	3.5	3.4	5.7	3.1	0.0
3	7.7	12.3	2.5	4.9	7.6	9.6	11.7	9.3	0.7	0.4
4	12.3	13.6	12.7	11.1	14.5	14.8	14.2	13.9	10.6	7.4
5	8.1	13.3	11.7	12.9	14.4	14.9	13.6	14.1	11.9	12.7
6	9.7	13.7	9.9	13.9	14.5	14.9	15.0	14.3	12.2	12.9
7	11.8	14.2	8.6	11.3	13.5	14.7	14.8	14.2	9.8	8.2
8	12.6	8.6	8.1	12.6	9.9	12.0	12.6	12.1	10.7	12.1
9	11.9	10.5	9.6	13.9	12.9	15.0	14.4	14.3	10.6	14.5
10	12.9	14.0	11.4	13.1	13.9	14.3	13.1	14.2	9.4	10.7
11	12.6	12.9	12.1	11.7	13.2	14.0	12.4	13.6	10.4	12.3
12	12.7	13.0	12.9	10.7	11.4	12.7	13.4	12.8	11.5	12.3
13	8.8	3.6	8.0	6.3	9.1	9.5	9.8	12.2	10.4	8.6
14	7.1	12.0	8.7	10.2	10.1	11.1	11.0	11.3	9.5	5.4
15	5.3	8.4	3.7	6.4	5.0	5.8	7.9	5.2	7.1	2.3
16	8.1	3.9	1.6	2.6	2.5	3.1	3.3	3.0	5.2	0.0
17	4.2	7.0	9.5	3.1	6.4	6.4	4.2	8.0	9.1	0.0
18	1.9	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.1	0.0
19	8.3	13.7	7.6	6.1	6.6	4.3	8.5	4.4	0.1	0.0
20	12.8	14.3	12.5	11.9	13.4	13.3	14.1	13.1	9.2	7.9
21	12.7	12.8	11.1	13.2	14.3	14.5	14.0	13.8	11.6	12.4
22	12.1	14.0	11.6	12.9	12.4	12.5	12.2	9.6	6.8	3.1
23	12.0	13.1	10.7	11.7	12.3	12.8	12.7	11.4	11.0	0.8
24	10.1	4.9	2.3	3.1	1.5	1.2	4.3	4.1	5.2	0.0
25	12.0	13.5	11.8	7.4	9.8	6.6	9.9	9.8	6.9	1.0
26	8.5	7.6	7.7	0.4	4.5	4.5	1.5	4.0	8.1	0.0
27	12.7	13.3	12.8	11.0	12.0	8.3	11.7	10.0	9.9	0.0
28	2.6	13.7	12.2	13.5	13.8	13.8	13.9	13.5	10.1	12.7
29	11.8	5.8	7.8	4.4	3.9	14.0	6.2	4.6	5.9	0.0
30	11.9	12.8	11.1	8.9	10.8	9.6	7.8	8.0	8.2	0.7
31	6.6	7.6	10.1	0.8	5.7	11.1	2.7	10.7	8.8	8.8
Mittel	9.4	10.8	8.8	8.3	9.4	10.1	9.4	9.7	8.1	5.4

August

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	9.2	9.7	8.4	9.8	8.7	9.5	12.1	9.4	1.6	0.0
2	10.1	8.4	9.5	11.0	12.3	12.9	12.8	11.7	11.3	12.3
3	7.6	8.4	3.5	3.4	5.5	5.4	4.8	5.3	3.9	0.9
4	12.5	14.0	12.1	13.2	13.6	11.2	12.3	13.0	10.4	10.0
5	9.2	13.9	12.5	13.6	13.6	14.0	13.8	13.5	11.8	15.3
6	12.1	13.9	12.0	13.3	13.0	13.3	13.1	13.1	11.9	13.1
7	11.5	13.4	12.4	11.6	13.0	12.9	12.6	12.9	11.8	11.7
8	11.2	13.0	10.9	12.7	12.1	12.5	12.8	12.3	10.8	7.7
9	12.4	13.8	12.5	13.4	13.4	13.6	13.5	13.3	12.0	14.8
10	12.2	13.5	12.3	13.1	13.3	13.5	13.1	13.0	12.0	14.6
11	8.1	12.2	10.8	9.7	9.4	9.7	9.9	11.0	11.4	4.0
12	12.1	12.6	11.8	11.8	12.0	7.8	12.5	10.1	10.7	5.7
13	11.8	13.3	12.0	13.0	12.9	12.8	13.0	13.0	11.7	13.8
14	11.8	13.4	12.0	12.9	13.2	13.4	13.0	12.9	11.4	14.5
15	3.5	10.9	7.3	11.1	10.8	8.2	11.0	9.5	9.6	5.9
16	9.5	10.5	8.4	7.3	5.0	5.7	7.6	7.5	2.1	0.0
17	1.9	8.6	4.5	9.0	8.0	7.3	7.0	6.2	4.5	2.9
18	8.9	12.3	11.6	2.7	10.2	9.4	3.7	8.4	10.4	2.6
19	12.3	9.2	8.0	3.6	5.7	3.1	2.4	5.7	0.6	0.0
20	11.3	8.3	5.4	4.3	5.5	2.9	0.3	1.9	0.2	0.0
21	12.1	13.0	11.8	12.7	12.8	12.7	13.0	12.7	10.8	13.3
22	0.4	2.3	0.0	0.0	0.0	0.0	2.9	0.0	4.0	0.7
23	11.4	13.0	10.7	12.4	12.0	12.8	12.6	12.7	10.8	12.8
24	2.4	2.6	7.4	0.5	1.4	2.6	2.4	3.7	4.5	4.5
25	12.1	5.3	1.4	1.4	0.7	1.6	3.0	3.3	0.6	0.0
26	11.6	12.7	11.0	10.1	11.3	10.8	8.6	7.8	10.8	9.5
27	11.0	8.1	8.4	5.6	6.8	8.4	7.0	9.3	9.5	6.7
28	8.1	10.5	9.0	9.0	10.7	7.9	10.6	9.1	4.4	0.0
29	3.9	12.9	11.3	12.3	12.4	12.3	12.1	11.7	11.1	11.9
30	10.6	9.8	7.8	6.3	9.7	7.3	8.9	6.4	9.8	3.9
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	1.6
Mittel	9.1	10.4	8.9	8.7	9.3	8.9	9.1	9.1	8.0	6.9

1923. **Tägliche Dauer des Sonnenscheins in Stunden.**

September

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	2.5	7.3	5.3	2.2	2.0	1.9	1.8	1.7	0.0	0.0
2	7.9	10.5	9.6	10.1	10.3	7.6	9.7	10.6	9.7	9.4
3	1.5	7.5	0.0	4.9	3.7	0.0	8.4	2.4	0.0	0.0
4	10.8	11.9	8.4	7.0	9.1	5.5	8.2	6.1	1.2	0.0
5	11.8	9.2	9.8	2.1	1.0	3.3	1.4	3.6	6.6	3.1
6	9.3	11.7	9.8	10.0	11.1	9.7	10.1	10.4	6.3	4.0
7	11.3	11.5	9.9	11.5	11.4	9.7	11.0	10.8	10.7	8.8
8	11.4	9.8	10.0	10.8	10.8	10.6	10.5	8.3	10.6	7.2
9	10.5	11.2	9.7	10.9	7.8	7.5	10.4	6.1	10.3	10.3
10	8.2	6.1	2.4	8.0	6.8	6.9	9.1	8.1	6.8	5.6
11	10.1	10.9	9.1	10.0	9.9	9.2	10.9	10.8	5.6	3.3
12	10.1	9.2	9.6	6.3	10.7	11.6	11.2	11.2	10.1	11.1
13	11.2	11.4	8.3	11.1	9.1	10.4	11.2	11.1	8.8	12.0
14	5.8	9.2	3.9	7.7	6.2	8.2	9.6	8.5	4.9	7.6
15	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	1.4	3.7	0.5	4.7	3.9	2.8	6.3	5.4	7.1
17	0.0	3.1	4.5	3.5	5.1	4.6	5.7	5.4	1.4	0.0
18	0.0	1.5	1.0	1.3	1.3	0.0	1.0	0.0	0.5	0.0
19	0.0	7.3	7.4	5.7	5.8	4.5	9.5	6.9	0.0	0.0
20	5.3	0.3	0.0	0.0	0.2	0.0	0.1	0.0	0.4	0.0
21	8.0	1.7	0.0	1.6	2.5	1.7	3.2	1.4	1.5	0.0
22	7.1	9.2	7.8	5.6	8.8	7.8	5.6	7.3	7.7	7.1
23	0.0	3.0	3.7	0.0	1.7	5.0	0.0	4.4	4.4	3.8
24	10.8	10.7	9.0	8.3	10.2	10.2	10.3	9.4	6.4	0.1
25	8.8	2.1	2.5	1.4	2.8	3.4	3.2	2.1	4.9	0.5
26	10.0	9.9	8.6	7.0	7.9	3.9	6.8	3.4	8.5	0.0
27	10.4	10.9	8.7	10.7	10.6	10.6	10.6	9.2	4.0	5.4
28	8.9	10.7	6.5	8.2	7.3	8.6	7.5	6.6	6.2	5.7
29	9.6	9.1	9.0	10.5	10.7	10.9	8.7	9.6	9.6	10.7
30	10.5	11.0	8.9	10.7	10.5	10.5	10.1	10.4	9.6	11.1
31										
Mittel	7.1	7.7	6.3	6.3	6.7	6.3	7.0	6.4	5.4	4.5

Oktober

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	10.4	9.1	8.6	10.2	10.6	10.7	10.7	8.1	9.5	10.9
2	5.6	7.1	5.1	0.0	3.9	3.0	1.1	2.9	4.0	0.0
3	0.0	1.9	2.8	2.0	1.0	0.1	2.0	1.1	0.1	0.0
4	1.8	0.0	1.3	0.0	0.9	0.5	0.6	0.9	0.0	0.0
5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.3	0.0
6	9.8	0.0	5.0	0.6	0.0	0.7	0.7	0.6	1.5	0.0
7	7.6	1.6	2.8	0.1	0.2	0.0	2.1	1.4	1.8	0.0
8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	7.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	9.7	6.9	6.2	2.3	5.8	3.8	5.5	3.6	1.6	0.0
11	7.3	10.5	8.0	6.7	10.0	10.1	8.7	10.6	8.3	5.5
12	0.0	9.2	7.9	9.3	9.9	9.9	9.5	8.0	8.0	10.0
13	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.1	1.1	0.0
14	3.7	2.8	3.2	1.4	0.2	0.0	3.6	0.0	0.9	0.0
15	9.4	8.7	7.9	5.6	7.4	7.8	7.2	8.3	4.1	0.0
16	3.5	5.5	3.4	6.7	6.6	6.2	6.6	5.4	3.0	3.1
17	9.2	8.1	7.4	8.8	9.1	9.2	8.0	9.4	7.7	7.2
18	6.7	6.4	5.0	3.1	3.1	3.2	3.9	5.4	6.1	6.8
19	6.8	6.9	4.8	4.8	4.0	4.8	2.3	4.1	1.1	0.0
20	0.0	3.8	0.9	0.8	1.1	0.8	0.1	0.2	0.6	0.0
21	0.0	0.0	0.0	0.3	0.7	0.8	0.5	0.3	4.2	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
23	0.0	1.8	0.7	5.1	3.9	4.5	7.1	5.6	1.3	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
25	0.0	6.7	2.5	3.9	5.2	0.8	4.6	1.3	6.6	2.7
26	0.0	3.2	4.9	1.5	3.7	5.1	1.2	6.3	4.6	5.1
27	0.0	0.0	7.5	8.4	6.0	4.4	7.7	6.2	4.9	6.9
28	0.5	0.0	2.3	0.1	1.3	5.3	0.8	4.7	2.8	0.0
29	4.2	0.7	2.8	0.2	1.2	2.9	1.9	3.9	2.8	4.1
30	0.0	2.2	7.2	8.2	5.2	0.6	6.6	1.6	7.0	9.6
31	9.0	0.0	6.9	8.9	6.7	0.0	7.4	1.9	7.0	10.0
Mittel	3.9	3.4	3.7	3.2	3.5	3.1	3.5	3.3	3.5	2.6

November

Tag										
1	7.5	0.0	4.0	2.1	0.0	0.0	0.7	0.0	5.1	6.5
2	6.5	0.0	2.0	0.4	1.0	2.5	0.0	2.9	6.0	3.1
3	3.0	0.2	0.5	4.0	1.9	3.5	5.0	1.5	4.3	6.0
4	7.8	2.7	4.2	0.0	1.7	0.0	1.4	1.2	6.3	0.4
5	6.6	4.4	6.0	2.1	3.3	0.9	2.5	0.8	3.3	3.8
6	0.0	0.0	1.3	0.0	0.1	1.3	0.0	0.0	5.5	2.4
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0
9	6.8	4.4	4.9	3.9	1.6	1.0	5.3	6.4	5.8	7.4
10	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.3	3.9	0.0
11	0.0	0.0	0.7	2.5	0.0	0.0	0.0	0.0	3.7	4.8
12	1.3	0.0	6.8	6.9	1.7	0.0	8.0	0.0	6.5	9.3
13	0.0	1.8	3.5	0.9	1.3	2.7	2.2	1.1	1.4	1.9
14	0.0	4.2	4.5	5.1	1.2	3.5	3.0	2.1	5.2	7.4
15	5.6	7.9	6.6	2.1	7.7	6.8	5.5	6.3	2.7	1.4
16	5.1	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.0
17	3.5	0.0	1.0	0.5	1.1	1.1	0.5	0.9	4.7	0.0
18	7.3	5.6	5.1	5.2	7.0	6.7	5.6	7.4	3.3	7.6
19	7.6	0.6	0.0	0.0	0.3	0.0	1.9	0.4	1.8	0.0
20	7.5	4.8	6.0	1.6	3.5	5.1	2.0	4.1	6.1	0.7
21	0.0	5.5	6.0	8.1	8.4	7.8	7.9	7.7	1.5	8.7
22	4.6	7.1	4.7	5.9	2.0	7.0	4.4	4.5	4.5	4.0
23	5.4	3.6	4.8	4.7	5.8	7.6	6.8	6.1	3.8	5.9
24	2.2	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.5	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.1	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
29	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.5	2.7	4.6
30	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.6	1.5	0.6
31										
Mittel	2.9	1.8	2.5	2.0	1.7	2.0	2.1	1.9	3.2	2.9

Dezember

Tag										
1	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	6.5	0.5	2.5	2.7	0.6	0.0	1.5	0.2	5.0	7.0
3	0.0	2.6	0.8	0.1	0.2	0.2	1.0	0.0	0.0	0.0
4	7.0	3.5	5.0	4.6	5.6	6.5	6.2	6.3	0.0	4.3
5	0.0	0.2	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
6	6.5	6.9	4.5	4.5	0.2	0.0	4.3	0.0	4.6	7.4
7	5.0	0.7	5.4	0.8	0.0	0.0	0.0	0.0	0.0	4.8
8	5.0	4.6	3.2	2.1	2.7	4.5	2.0	3.6	4.7	1.3
9	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.1	0.5	0.0
10	0.0	3.3	5.3	0.0	1.7	2.4	0.0	1.6	1.8	0.6
11	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5.3	6.8
12	0.0	0.0	4.4	4.6	0.0	0.0	0.0	0.0	4.0	6.7
13	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.5
14	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.6
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	6.7	4.7	0.6	1.2	3.1	3.0	0.0	4.3	4.1	0.0
17	2.5	5.1	3.4	0.0	1.8	0.0	0.0	0.1	0.8	0.0
18	7.8	0.5	0.5	0.0	1.2	5.9	0.0	0.4	4.4	2.4
19	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	6.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.4	0.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	6.8	5.2	5.0	5.2	2.7	3.2	7.4	7.1	5.1	7.0
26	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
27	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.6	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
29	6.8	3.3	5.5	0.8	2.3	0.9	1.2	0.2	0.7	0.0
30	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	5.0	3.6	0.5	4.9	5.7	0.0	2.7	0.0	1.3	7.2
Mittel	3.5	1.5	1.6	1.1	0.9	0.9	0.9	0.8	1.6	2.3

Nr. 5.

Jahresbericht 1923 des Erdbebendienstes

der Schweizerischen Meteorologischen Zentralanstalt.

Von Prof. Dr. **A. de Quervain.**

1. Allgemeines.
2. Die in der Schweiz gespürten und die an der Erdbebenwarte Zürich registrierten Nahebeben, nebst Uebersicht der Fernbeben, von Ch. Golaz und A. de Quervain. (Mit einer Tafel.)

Anhang:

Ueber das Erdbeben am Walensee vom 7. November 1924 und die Auslösung des Felssturzes auf die Bahnlinie, am 8. und 11. November durch dasselbe, von A. de Quervain. (Mit einer Textfigur.)

Untersuchung des de Quervain-Piccard'schen Seismographen und einiger allgemeiner seismometrischer Probleme. Von H. P. Berlage, Jr.

1. Allgemeines.

Was das Persönliche betrifft, ist auf die Bemerkungen des letzten Jahres zu verweisen.

Am neuen, grossen Seismographen wurde auch die heikle Justierung der Astasierung in Angriff genommen, wobei ich mich speziell der Beihülfe meiner Frau zu erfreuen hatte. Die Periode konnte von 0,5 auf mehr als 2 Sekunden gebracht werden. Die Verlängerung der Vertikal-Periode machte sich auch bei der Registrierung sofort sehr nützlich bemerkbar. Wir haben dieselbe seither wieder auf den ursprünglichen Betrag gebracht, um auszuprobieren, wie hoch zu experimentellen Zwecken (Aufzeichnung künstlicher Erschütterung) die Vergrösserung allenfalls getrieben werden könnte. Dieser Betrag geht in die Hunderttausende; doch macht sich, mit Ausnahme einiger Nachtstunden, offenbar schon die Nähe der Stadt Zürich so störend bemerkbar, dass sie solche Versuche (zu welchen wir optische Registrierung einrichteten) im allgemeinen verhindern wird. In diesem Falle hatten wir besonders ins Auge gefasst, die Vorbereitung zur eventuellen Aufzeichnung der Explosionen, welche von französischer Seite im Frühjahr 1924 veranstaltet werden sollten, bei Clermont-Ferrand, vornehmlich zu geophysikalischen Zwecken (Ausbreitung der Schallwellen, Fortpflanzung in der Erde u. s. w.).

Wir hatten die Genugtuung, dass der grosse Apparat zum Gegenstand einer besonderen Untersuchung durch Herrn Dr. Ing. H. P. Berlage gemacht wurde, auf Anregung von Herrn Prof. Meissner von der Eidg. Technischen Hochschule in Zürich. Diese Arbeit ist unserm Jahresbericht im Druck beigegeben. Anlässlich dieser Untersuchung haben wir noch folgende Bemerkung über die praktische Erfahrung mit dem grossen Seismometer zu machen, zum Teil in Bestätigung einiger schon im letzten Bericht gemachten Bemerkungen.

Bemerkungen zu der nachfolgenden Untersuchung von Herrn Dr. H. P. Berlage und zu dem Funktionieren des 20 Tonnen-Universalseismographen Quervain-Piccard.

Es ist uns eine grosse Genugtuung, diese wertvolle Untersuchung über den Universalseismographen Q-P hier zu publizieren. Eine Beschreibung des Apparates von unserer Seite war für diesen Bericht vorgesehen. Die schwere Erkrankung des einen von uns nötigte zu einer Verschiebung auf eine nächste Gelegenheit, und beeinträchtigt auch die Abfassung dieses Berichtes.

Hingegen möchten wir nicht unterlassen, darauf hinzuweisen, dass seit der Untersuchung von Herrn Berlage, wo der Apparat noch nicht in Tätigkeit gesetzt war, dieser sich inzwischen in der Praxis schon bewährt hat und zwar nennen wir zur ersten Orientierung auf Grund der bisherigen Erfahrung speziell die folgenden Punkte (s. a. letzter Bericht):

1. Die Aufzeichnung unserer schweizerischen alpinen Nahebeben geht entsprechend unsern ursprünglichen Anforderungen an den Apparat und Erwartungen vor sich. Besonders erhalten wir nun auch die Anfangsphase P dieser Erschütterung, die gegenüber dem folgenden Einsatz iM = S sehr schwach zu sein pflegt und auf unsern früheren Instrumenten oft gänzlich unsichtbar blieb. Es wird nun ein wertvolles Material zusammenkommen zur Beurteilung der eigentlichen Bedeutung dieser beiden Einsätze, welche zweifellos die deutlichste Phasen-Differenz bei Nahebeben bis zu 200 km Entfernung darstellen, die oft bis auf den Bruchteil von Sekunden sicher festgestellt werden kann und für die Deutung des Seismogramms für solche Entfernungen immer die wichtigste und beste Handhabe bieten wird.

Es ist mehrfach vorgekommen, dass aus dem Einsatz P solcher schwacher schweizerischer Beben ein ganz brauchbares und für die schnelle Lokalisierung des Epizentrums praktisch nützliches Azimut abgeleitet werden konnte (so am 15. April 1924, Visper-Beben).

Endlich liegen schon mehrere Fälle vor, wo der Apparat lokale Erdbeben aufgezeichnet hat, welche von Menschen nicht mehr wahrgenommen wurden. Solche Fälle waren charakterisiert durch sehr steile Emergenzwinkel, wobei der erste Einsatz bei der Vertikalkomponente viel ausgeprägter war als bei der Horizontalkomponente. Diese letztere zeigte hingegen die Phase iM = S sehr deutlich, während dieselbe bei der Vertikalkomponente fast fehlte. Daraus lassen sich wichtige Schlüsse auf die Natur dieser letzteren Phase ziehen, als auf Schwankungen, die quer zu denen der P-Phase stehen. Ferner ergeben sich daraus anscheinend zugleich zuverlässige direkte Herdtiefenbestimmungen, welche zu Beträgen von ca. 30—40 km führen. Die Aufzeichnung solcher lokalen, sehr schwachen Phänomene, die doch weitgehende Schlussfolgerungen erlauben, ist wohl nur bei den Instrumenten dieses Typus möglich.

2. Nahebeben (bis über 1000 km Entfernung) werden mit der vollen Vergrösserung für schnelle Schwingungen aufgezeichnet. Die geringen Amplituden, mit denen hier oft die Phase P beginnt, lassen die Frage aufsteigen, ob nicht Instrumente mit geringerer Vergrösserung über den wirklichen Anfang der P-Wellen dauernde Zweifel lassen müssen.

3. Bei der Aufzeichnung von Fernbeben kommt die starke Vergrösserung hauptsächlich der P-Phase zugute, die noch kürzere Wellen enthält und erlaubt dort nicht selten annähernde Azimutbestimmungen. Die S-Phase tritt meistens noch gut hervor, so dass für die Fernbeben das Instrument gegenüber unserer bisherigen Ausrüstung praktisch auch einen grossen Fortschritt bedeutet. Zusammenfassend lässt sich sagen, dass die instrumentelle Information unserer Station über nahe und ferne seismische Ereignisse durch den Apparat wesentlich besser geworden ist.

4. Eine besondere Bemerkung wollen wir noch der Vertikalkomponente widmen, deren Einfügung in den Apparat mit Verwendung einer einzigen Masse gewissen theoretischen Bedenken rufen kann, wie auch die Arbeit von Herrn Berlage zeigt. Wir selbst waren uns solcher Bedenken immer bewusst, hielten jedoch die Vorteile, gleichzeitig auch diese Komponente mit sehr starker Vergrösserung registrieren zu können, für überwiegend, und haben deshalb derselben einen grossen Teil der Konstruktions-Arbeit gewidmet. Die Erfahrung hat uns wohl recht gegeben. Schon Aufzeichnungen mit der gewöhnlichen, nicht astasierten Periode, bedeuten für die Interpretation von alpinen Nahebeben eine wesentliche Bereicherung. Bei Anwendung der Astasierung, welche bisher auf das mehr als vierfache getrieben werden konnte, erstreckt sich der Bereich der Vertikalkomponente noch sehr viel weiter. Eine störende Abhängigkeit der Komponenten untereinander ist dabei nicht zu bemerken, und die Benützer würden die Vertikalkomponente in der täglichen Praxis nicht vermissen wollen, um so mehr als die Kompensation praktisch ganz zufriedenstellend funktioniert.

Es folgen hier noch einige Angaben über die Apparatkonstanten:

	Mainka 450 kg		Wiechert 80 kg	Quervain-Piccard 20600 kg		
	N–S	E–W	Vert.	N–S	E–W	Vert.
Vergrösserung für schnelle Schwingung .	168	199	83	ca. 1500	1500	1800
Eigenperiode	4,8^s	4,6^s	3,4^s	3,1^s	2,9^s	1,0–2,0^s
Dämpfung	5,9	2,4	4,1	3,6	4,5	2,1
Reibung	1,2 $^{mj}/_m$	1,6 $^{mj}/_m$	0,5 $^{mj}/_m$	2,3 $^{mj}/_m$	1,4 $^{mj}/_m$	1,4 $^{mj}/_m$

2. Die im Jahre 1923 in der Schweiz verspürten Erdbeben.

Im Jahre 1923 wurden im ganzen 31 Erdstösse in der Schweiz verspürt. Sie verteilen sich auf die Monate wie folgt:

Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
4	2	0	1	3	4	2	0	2	2	6	5

Besonders beachtenswert ist das Tessiner Erdbeben vom 25. November mit Epizentrum in der Gegend von Bellinzona.

Es fielen 19 in die Zeit der Ruhe (20–8^h) und 12 in die Zeit der Tätigkeit (8–20^h), 15 wurden auf der Erdbebenwarte in Zürich registriert. Alle hatten ihren Herd innerhalb der Schweiz.

Tabelle I. In der Schweiz verspürte Erdbeben. 1923.

M = Seismograph Mainka. — Q-P = Seismograph de Quervain-Piccard.

Nr.	Monat und Tag	M.-E. Zeit 0—24 h	Erschütterte Gegend und Epizentralgebiet	Grad Forel-Rossi	Grösste Ausdehnung	Zahl d. pos. Meldungen	Zahl d. neg. Meldungen	Registriert in Zürich	Bemerkungen (Charakter, Zahl der Stösse, Dauer, bes. Wirkung)
		h m			km				
	Jan. 8.	3, 50	Horgen	II	—	1	—	—	Zweifelhaft, ob Erdbeben? „Ganz deutliches Zittern der Erde, kein Stoss, wiederholte sich viermal."
1	Jan. 8.	6, 34	In weit von einander gelegenen Orten schwach gespürt: Bern (6 Meldungen), Münchenbuchsee (2 M.), Kirchberg (1 M. als Schall), Neuveville (1 M. deux secousses), Zweilütschinen (1 M.)	III	—	1	—	Q-P	Siehe mikroseism. Bericht Nr. 1. Seltener Fall, wurde nur in vereinzelten Orten gespürt.
	„ 8.	9, 30	Chippis près de Sierre	II	—	1	—	—	„Secousse 4 à 5 sec.", douteux.
	„ 9.	14, 30	„ „ „	II	—	1	—	—	„Secousse 5 à 6 sec.", douteux?
	„ 10.	11, 05	Zürich, Hardplatz	II	—	1	—	—	„Heftige Erschütterung."
	„ 22.	5, 47	Sargans (St. Gallen)	II	—	1	—	—	Fraglich, ob Erdbeben, da von einer einzelnen Person beobachtet als „deutliches Auf- und Abschwingen des Bettes".
2	„ 22.	5^{20} od. 5^{30}	Pontresina, St. Moritz, Morteratsch, Sils	IV-III	20	3	—	—	
3	„ 22.	9, 11	St. Moritz, Morteratsch, Pontresina, Bevers, Savognin, Sils i. E., Julier-Hospiz, Poschiavo, Castasegna, Bivio, Soglio	V-IV	55	11	6	Q-P	Die Meldungen sagen nicht klar, ob beide Stösse (3 u. 4), oder nur der erste Stoss gespürt worden ist. S. mikros. Bericht Nr. 2.
4	„ 22.	9, 17	Ungefähr in denselben Orten gespürt, speziell aus St. Moritz, Sils i. E. und Pontresina gemeldet	IV	(30)	3	6	Q-P	S. mikros. Bericht Nr. 3.
5	Febr. 6.	23, 28	Altdorf, St. Gallen, Muotatal, Baden, Schönau-Hittnau, Meiringen	III-II	—	6	—	Q-P	Auf unsere Notiz in der Zeitung kamen verschiedene Meldungen aus weit von einander gelegenen Orten. S. mikros. Bericht Nr. 5.
6	„ 22.	5, 56	Turbental, Altdorf (Zürich-Turbental = 23 km, Zürich-Altdorf = 55 km, Reg. Epizentral-Distanz = 72 km)	II	—	2	—	Q-P	Auf unsere Anfrage in den Zeitungen kamen diese zwei Meldungen. Siehe mikros. Ber. Nr. 7.
7	April 29.	10, 57	Rheintal: Sevelen, Weite bei Wartau, Grabs	IV	10	4	4	Q-P	Aus Grabs und Sevelen spontan gemeldet. S. mikros. Bericht Nr. 12.
8	Mai 13.	5, 40	Sils-Maria	II	—	1	—	—	„Leichter Erdstoss".
9	„ 16.	2, 45	Sils-Maria	II	—	1	—	—	„Leichter Erdstoss".
10	„ 16.	11, 06	Ober-Wallis: Fiesch, Grengiols, Bister, Niederwald, Belwald, Münster (nur II)	V	25	7	2	Q-P	S. mikros. Bericht Nr. 17.
11	Juni 5.	20, 50	Zürich-Unterstrass (Wasserwerkstrasse Engweg). Nach einer anderen Meldung wurde der zweite Stoss um $21^h 42^m$ gespürt. Lokale Erschütterung	V	0	2	—	—	Der zweite Stoss war viel stärker als der erste. Mehrere Hausbewohner liefen erschreckt auf die Strasse heraus. Q-P war ausser Betrieb. Auf dem Mainka ist nichts registriert worden.
12	„ 5.	21, 35		VI					
13	„ 6.	3, 19	Münstertal: Sta. Maria (IV), Cierfs (II). Im Tirol auch gespürt in Sulden, Trafoi, Stilfs, Sponding	IV	15	2	3	M	Sta. Maria „Stossrichtung Ost-West mit dumpfem Rollen". S. makros. Bericht Nr. 20.
14	„ 10.	12, 14	Gadmen (Bern)	IV	—	1	—	—	Stoss NW-SE.
15	Juli 7.	18, 10	Vättis (St. Gallen)	III	—	—	—	—	„Schwaches Erdbeben, 3—4 Sek. Dauer. Zittern der Gegenstände, längeres Dauern anscheinend von Westen her."
16	„ 27.	23, 20	Zermatt (Wallis)	III	—	1	—	—	„Schwaches Erdbehen, 5 Sek. Dauer. Richtung nicht sicher festzustellen, wahrscheinlich NW nach SE.
17	Sept. 11.	7, 25	Visp (Wallis)	IV	—	1	—	—	Stoss, Geräusche, Rumpeln, auch im Erdgeschoss gespürt.
18	„ 17	5, 30	Olivone (Tessin)	IV-V	—	1	—	—	„Fu avertita una scossa di terremoto durata brevi secondi, rumore sotterraneo come di tuono e tremolio di vetri. Fu avertita da tutte le famiglie del comune.

Tabelle I (Schluss).

Nr.	Monat und Tag	M.-E. Zeit 0—24h	Erschütterte Gegend und Epizentralgebiet	Grad Forel-Rossi	Grösste Ausdehnung	Zahl d. pos. Meldungen	Zahl d. neg. Meldungen	Registriert in Zürich	Bemerkungen (Charakter, Zahl der Stösse, Dauer, bes. Wirkung)
		h m			km				
	Sept. 26.	3, 30	Unter-Hallau (Schaffhausen)	II-III	—	1	—	—	Von einer einzelnen Person beobachtet. Weitere Umfrage gab negatives Resultat, allein eine zweite Person will ein dumpfes Rollen gehört haben. — „Zittern, Dauer 5—10 Sek., Richtung N-S. Dumpfes unterirdisches Rollen. Hunde sollen in der fraglichen Nacht viel geheult haben."
19	Okt. 30.	16, 35	Engadin: Zernez, Brail, Scanfs, Zuoz, Madulein, Ponte-Campovasto, Celerina, Pontresina, Bevers	V-III	30	9	8	—	Zernez und Madulein Richtung Ost-West, Brail und Bevers Nord-Süd. „Zittern, Erschütterung von Gegenständen."
20	„ 30.	23, 12 23, 15	Engadin: Bevers, Pontresina, Scanfs, Capella, Cinuskel, Zuoz, Brail, Ponte-Campovasto, Celerina, Zernez . .	V-III	30	10	5	Q-P	S. mikros. Bericht Nr. 30 und 31.
21	Nov. 3.	0, 09	Lieli bei Kleinwangen (Luzern) . .	III	—	—	—	Q-P	„Zwei Stösse, Richtung Nord-Süd. Siehe mikros. Bericht Nr. 32.
22	„ 5.	3, 35	Wilchingen u. Thayngen (Schaffhausen)	III	—	—	—	—	Wilchingen, „schwaches Erdbeben, Richtung Ost n. West". Thayngen ausser gewöhnl. heftiges Knattern u. Knistern d. harthölzernen Möbel. Die Erschütterung muss mindestens 15 Minuten gedauert haben.
23	„ 5.	3, 35	Rigi, Vierwaldstättersee, Zugersee. Von Zug und Cham (nördlich) bis Isental [Uri] (südlich). Von Horw u. Hergiswil [Luzern] (westlich) bis Muotatal (östlich)	VI, V	35	28	25	Q-P	1 bis 2 Stösse. An verschiedenen Orten erwachten die Leute. S. mikros. Bericht Nr. 33.
24	„ 8.	4, 15 4, 17 5, 00	Giswil bei Lungern	III	—	1	—	—	„Deutlich wahrnehmbare Stösse"; „beim dritten Stoss um 5 Uhr unterirdisches Rollen."
25	„ 9.	14, 22	Gespürt im ganzen Tessin im westlichen und südwestlichen Teil Graubündens, im oberen Rhonetal, im oberen Kanton Uri und in Engelberg; auch über die Grenze in Italien gespürt. Makroseismisches Epizentrum, Gegend von Bellinzona	IV, V	120	150	28	Q-P	Intensität VI in: Arogno (Lugano), Bellinzona, Bironico, Braggio, Corippo (Val Verzasca), Daro, Giubiasco, Lostallo (Val Mesoco), Mosogno, Roveredo, S. Vittore, Sonvico. Dauer sehr verschieden geschätzt von 2—20 Sek. Meist 2 Stösse. S. mikros. Bericht Nr. 34.
	„ 27.	3, 27	Winterthur	II	—	1	—	—	Eine Person „erwachte durch den Stoss".
26	„ 27.	15, 37	Münstertal: Sta. Maria, Cierfs . . .	V	15	2	4	Q-P	„Heftiges Erdbeben; die Türen krachten, Gegenstände wurden hin- und hergeworfen; die Tiere zeigten grösste Unruhe." S. mikros. Bericht Nr. 36.
27	Dez. 4.	3, 15 3, 23	Morteratsch (Pontresina), Ober-Engadin	IV	—	1	—	—	„Zwei Erdstösse, der erste schwächer, doch mit lauterem Rollen, Süd-Nord; der zweite, ziemlich starker Stoss, gleicher Richtung, Bewegung d. Gegenstände."
28	„ 7.	16, 00	Rolle (Vaud)	IV	—	1	—	—	Ebranlement du sol, détonation sourde.
29	„ 21.	15, 16	Unter-Engadin, Münstertal: Münster, Valcava, Cierfs, Buffalora, Remüs, Sent, Scarl, Schuls, Guarda, Ardez, Süs, Zernez, Brail	V	35	13	4	Q-P	Stoss, unterirdisches Rollen, Bewegung von Gegenständen. S. mikros. Bericht Nr. 40.
	„ 22.	13, 57	Süs	III	—	1	—	—	Schwacher Stoss.
30	„ 23.	13, 34	Unter-Engadin: Remüs, Schuls, Fetan, Sent, Ardez, Süs, Guarda, Davos .	V	45	8	7	Q-P	Zittern und Stoss, Dauer 2 Sekunden. S. mikros. Bericht Nr. 41.
31	„ 29.	0, 55	Kiental	III	—	1	—	Q-P	„Dauer 5 Sek., rauschendes Getöse, anscheinend v. West nach Ost ziehend." S. mikros. Bericht Nr. 42.

Tabelle II. In Zürich registrierte Nahebeben.[1])

Zürich 1923. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein und Mergel, wechsellagernd.

Nr.	Datum	Epizentral-entfernung nach S–P	Max. Ampli-tude	Seismogr.	Phasen, Bemerkungen
		km	μ		
1	Jan. 8.	104	0,4	Q-P	eP_E $6^h34^m27{,}6^s$; eS_N $40{,}2^s$; iS_E $40{,}9^s$. In Neuchâtel schwach registriert: eP_E(?) $6^h34^m17{,}6^s$; eS_N $22{,}3^s$ (sicher); d = 35 km. Gespürt in Bern, Zweilütschinen, Kirchberg und Neuveville. Siehe makroseismischer Bericht Nr. 1. Mikroseism. Epizentrum ca. 10 km südwestlich von Bern.
2	„ 22.	161	1,7	Q-P	eP_V $9^h11^m29.8^s$; iS $50{,}1^s$. Im Engadin gespürt. S. makros. Bericht Nr. 3.
3	„ 22.	190(?)	0,3	Q-P	eP_E $9^h17^m15{,}2^s$, etwas unsicher; iS $39{,}2^s$. Im Engadin gespürt. S. makros. Bericht Nr. 4.
4	Febr. 6.	800	65	Q-P	eP_N $16^h23^m20{,}0^s$; iS $24^m50{,}4^s$; F 35^m ca.*) Bosnien und Dalmatien.
5	„ 6.	60	0,6	Q-P	e(P_V) $23^h28^m32{,}1^s$; iP_V $34{,}4^s$; iS $40{,}3^s$. Gespürt in St. Gallen, Muotatal, Baden, Schönau-Hittnau? S. makros. Bericht Nr. 5.
6	„ 13.	83	0,7	Q-P	e(P_V) $18^h53^m54{,}6^s$; iS_E $54^m04{,}4^s$; i $54^m23{,}4^s$. Herd unbekannt.
7	„ 22.	72	0,4	Q-P	eP_V $5^h56^m31{,}9^s$, sehr deutlich!; iP_V $33{,}4^s$; iS $41{,}5^s$; F ca. 57^m. S. makros. Bericht Nr. 6.
8	„ 27.	550	1,0	Q-P	eP_V $6^h40^m56{,}8^s$; iS_N $42^m23{,}0^s$; F ca. 44^m. Herd unbekannt.
9	März 15.	ca. 830	100	Q-P	eP $6^h42^m10{,}1^s$; i $42^m22{,}8^s$ (sehr scharf); S–P = ca. 90^s. Bosnien: makroseismisches Epizentrum: Sarajewo-Mostar. d von Zürich = 860 km. Nach H. Agamenonne Epizentrum 43° 20′ N; 17° 10′ E.
10	„ 15.	ca. 550	1,2	Q-P	e(P) $8^h12^m57^s$; (S) 14^m05^s; Einsätze unsicher. Herd unbekannt.
11	„ 25.	—	0,4	Q-P	eP_V $22^h03^m18{,}1^s$; i_E $04^m46{,}0^s$; F 06^m.
12	April 29.	80	0,6	Q-P	eP_V $10^h57^m48{,}6^s$; iS $58{,}6^s$; F 58^m ca. Gespürt im Rheintal, spontane Meldung aus Sevelen. Siehe makros. Bericht Nr. 7.
13	„ 30.	—	1,2	Q-P	e $5^h36^m35 \pm 3^s$, unsicher, Minutenlücke; F 5^h41^m. Nach Belgrad: Epizentrum in Kosovo, ca. 44° 0, N; 16° 15′ E.
14	„ 30.	320	0,8	Q-P	eP_E $19^h56^m54{,}8^s$; eS $57^m41{,}3^s$; F 20^h0^m ca.
15	Mai 1.	(446)	9,4	Q-P	eP_V $0^h33^m07{,}2^s$; i($S)_E$ $34^m15{,}1^s$; F 0^h45^m ca. N. Belgrad: Epizentr. ca. 43° 40′ N; 15° 50′ E; Zlarin.
16	„ 16.	420	0,6	Q-P	eP_V $3^h13^m58{,}3^s$; S_E $15^m00{,}9^s$; F 16^m ca.
17	„ 16.	142	2,2	Q-P	eP_V $11^h06^m07{,}8^s$; iP $10{,}0^s$; iS $25{,}6^s$; F 8^m. Gespürt in Fiesch (Ober-Wallis). Distanz: Zürich-Fiesch = 112 km! S. makros. Bericht Nr. 10.
18	„ 22.	(520)	1,2	Q-P	e(P_E) $11^h11^m05{,}9^s$; (S) $12^m28{,}1^s$; F $11^h16^1/_2{}^m$ ca.
19	„ 23.	266	1,3	Q-P	eP_N $13^h32^m31{,}5^s$; (S) $33^m08{,}1^s$; F 35^m ca. Auf NS allein: die anderen Komponenten waren ausser Betrieb.
20	Juni 6.	164	2,0	M	eP_N $3^h19^m50{,}8^s$; eS_N $20^m11{,}6^s$; iS $20^m12{,}4^s$. Gespürt in Sta. Maria, Münstertal (Graubünden). Siehe makros. Bericht Nr. 13.
21	„ 22.	—	1,0	M	eP $8^h15^m47 \pm 3^s$. Sehr schwache Registrierung.
22	„ 28.	325	52	M	eP_V $16^h12^m16{,}5^s$; iP_N $19{,}6^s$; iS_E $13^m04{,}2^s$; 16^h18^m. Nach italien. Zeitungen Modena, Reggio (Emilia). Epizentrum nach Zagreb d = 360 km, Florenz d = 110 km und Zürich ca. $44^1/_2{}^\circ$ N; 12° E.
23	Juli 10.	900	175	M	eP $6^h33^m13{,}5^s$; i(S) $34^m55{,}5^s$; iM_E $36^m38{,}2^s$; F 6^h46^m ca. Epizentrum ca. 42° N; 0° Gr., nach Granada d = 610 km, Rocca di Papa d = 1060 km, De Bilt d = 1070 km, Wien d = 1400 km, Zürich d = 900 km. Pyrenäen. Zerstörend in Jaca bei der Sierra de Guara. Gefühlt von Bilbao bis Barcelona, auch in Madrid, San Sebastian, Tortosa, Vitoria, leicht in Bordeaux, Perpignan u. Marseille.
24	„ 22.	340	1,0	Q-P	eP_V $4^h58^m30{,}4^s$; iS_E $59^m20{,}8^s$; F 5^h01^m. Epizentrum unsicher; Gegend der Julischen Alpen, nach Zagreb d = 167 km und Zürich.
25	Aug. 3.	320	0,2	Q-P	eP_V $19^h22^m08{,}3^s$; S_E $54{,}4^s$; F ca. 25^m. Herd unbekannt.
26	„ 28.	228	5,2	Q-P	eP $7^h53^m23{,}6^s$; iS $53{,}4^s$; F $56^3/_4{}^m$ ca. Nach Herrn Prof. J. Schorn, Innsbruck: Herd im Karwendelgebirge. Am stärksten erschüttert wurde das Gebiet von Wattens, Bill, Eben, Achenkirchen, Hinterreiss. Makroseismisches Epizentrum ca. 47° 25′ N; 11° 40′, was mit den d von München (85 km) und Zürich gut übereinstimmt.
27	Sept. 10.	280	0,9	Q-P	eP $5^h24^m26{,}6^s$; S $25^m06{,}3^s$. D'après Strasbourg ressenti dans les Hautes Alpes à Briançon (degré 5) et Monetier les Bains (degré 3).
28	„ 26.	627	34	M	eP_V $2^h20^m18{,}7^s$; iS_N $2^h21^m36{,}3^s$; F 2^h27^m ca. Epizentrum nach d von Wien (430 km), München (590 km) und Zürich: ca. 44° N; $15^2/_3{}^\circ$ E, dalmatische Küste. Nach Zeitungen Erdbeben in Zara, Dalmatien, um diese Zeit.

*) Nach Belgrad (d = 285 km); Sinj (d = 60 km). Epizentrum ca.: 17° 20′ E; 43° 30′ N. Distanz von Zürich 810 km.

Zürich 1923. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein und Mergel, wechsellagernd.

Nr.	Datum	Epizentral-entfernung nach S–P	Max. Ampli-tude	Seismogr.	Phasen, Bemerkungen
		km	μ		
29	Okt. 1.	700	8,3	M	e(P) $11^h42^m18{,}6^s$ (sehr schwach); iS $43^m44{,}7^s$; i 56,1ˢ; F 47^m ca. Nach Mostar (d = 175 km); Sarajevo (d = 230 km) und Belgrad (d = 420 km). Epizentrum: 43° 17,4′ N; 15° 41,5, E, Adriatisches Meer. Distanz dieses Punktes von Zürich ca. 700 km.
30	„ 30.	120–130	0,3	Q-P	ePv $23^h12^m12{,}1^s$; S–P = 15–17ˢ; F 13^m ca. Gespürt im Engadin. S. makros. Bericht Nr. 20.
31	„ 30.	131	0,4	Q-P	ePv $23^h14^m54{,}4^s$; iS $15^m11{,}0^s$; F $15^3/_4{}^m$ ca. Gespürt im Engadin. S. makros. Bericht Nr. 20.
32	Nov. 3.	25	2,8	Q-P	eP $0^h09^m17{,}7^s$; iS 22,0ˢ; F ca. 10^m. Gespürt in Lieli bei Kleinwangen (Luzern). Distanz Zürich-Lieli 27 km. S. makros. Bericht Nr. 21.
33	„ 5.	39	9,2	Q-P	P $3^h35^m08{,}7^s$; iS 14,3ˢ; F ca. 36^m. Gespürt am Rigi u. am Vierwaldstättersee. S. makros. Bericht Nr. 23.
34	„ 9.	125	12,4	Q-P	iP $14^h22^m53{,}7^s$; iS $23^m09{,}5^s$; F $26^1/_2{}^m$ ca. Azimut ca. S 12° E. Gespürt im ganzen Tessin. Siehe makros. Bericht Nr. 25.
35	„ 19.	860	28,6	Q-P	ePv $4^h55^m39{,}8^s$; $iP_V = eP_E$ 42,3ˢ; iS_N $57^m19{,}8^s$; F $5^h06^1/_2{}^m$ ca. d nach Tabelle Mohorovicic für Sn–Pn. Epizentrum nach d von Barcelona (189 km), Tortosa (219 km), Toledo (475 km), Strassburg (900 km) und Zürich ca. 0° 20′ E; 42° 20′ N (Maladetta, Pyrenäen). — Ziemlich weit gefühlt in Frankreich und Spanien.
36	„ 27.	150	0,9	Q-P	ePv $15^h37^m48{,}4^s$; i(S) $38^m07{,}3^s$; iM 10,4ˢ. Aus S–P = 18,9ˢ, d = 150 km. Aus M–P = 22,0ˢ, d = 174 km., gespürt im Münstertal, Distanz von Zürich ca. 160 km. S. makros. Bericht Nr. 26.
37	„ 28.	364	14,0	Q-P	eP $7^h0742{,}4^s$; i P 50,6ˢ; S $08^m36{,}0^s$; F ca. 13^m. Dieses Beben wurde gespürt in Lungau (Land Salzburg). Koord. ca. 47,2° N; 13,7° E. Mikroseism. Epizentrum nach: München (d = 185 km), Wien (250 km), Strassburg (450 km), Chur (290 km) und Zürich 47° N; $43^1/_4{}^\circ$ E.
38	„ 29.	285	2,0	Q-P	eP $18^h28^m50^s$; iS_E 29^m30^s; F ca. 32^m. Herd unbekannt.
39	Dez. 3.	200(?)	0,5	Q-P	e_N $22^h32^m50{,}7^s$; iv 59,2ˢ; e_E 59,5ˢ; $(S)_E$ $33^m24{,}0^s$; F 34^m ca. Herd unbekannt.
40	„ 21.	128	0,4	Q-P	iP_V $15^h16^m53{,}8^s$; eS $17^m10{,}0^s$; iS 11,6ˢ; F 18^m ca. Gespürt im Unter-Engadin. Siehe makroseismischer Bericht Nr. 29.
41	„ 23.	140	3,3	Q-P	ePv $13^h34^m38{,}4^s$; iP 38,8ˢ; eS_N 54,0ˢ; iS 56,5ˢ; F ca. 37^m. Gespürt im Unter-Engadin. S. makroseismischer Bericht Nr. 30.
42	„ 29.	—	0,1	Q-P	i $0^h56^m43{,}4^s$. Sehr schwach. Gespürt in Kiental, Berner Oberland. S. makroseism. Bericht Nr. 31.

Registrierte Fernbeben im Jahre 1923. (Mitteleuropäische Zeit.)

(M = Seismograph Mainka). — Q-P = Seismograph de Quervain-Piccard.)

Nr. 1. 7. Januar. Q-P. eP $13^h29^m50{,}0^s$; iM $33^m21{,}4^s$; F 13^h37^m. Der Einsatz der S-Wellen fehlt. Nach Belgrad (d = 370 km) und Mostar d = 290 km. Epizentrum 20° 20′; 41° 30′ N. Gespürt in Struga und Borovac (Albanien).

Nr. 2. 22. Januar. Q-P. ePN $10^h16^m45{,}7^s$ (Minutenlücke, vielleicht 2 Sek. früher); eS_N $27^m32.2^s$ (deutlich); d = 9740 km; eS_E 27^m13^s (unscharf); d = 9350 km; F 11^h16^m ca. Nach den Zeitungen wurde dieses Erdbeben in Sacramento (Californien) gespürt. (Bulletin von Ottawa d = 3880 km.) Distanz Zürich-Sacramento 9300 km. Nach den S-P der europäischen Stationen ergeben sich stark von einander abweichende Epizentraldistanzen.

Nr. 3. 26. Januar. Q-P. i $4^h35^m45^s$; F 4^h38^m ca. Auch in Innsbruck registriert: i $4^h35^m42^s$; Ursprung unbekannt.

Nr. 4. 1. Februar. Q-P. eP $20^h44^m43 \pm 1^s$ (in der Minutenlücke); eS $55^m08{,}8^s$; F 21^h46^m ca; d = 9310 km. Nach S-P von Batavia (7050), (Belgrad 9150), Zagreb (9060), Wien (9125 km) und Zürich. Epizentrum ca. 150° E; 42° N; südlich der Kurilen.

Nr. 5. 2. Februar. Q-P. ePz $2^h18^m31{,}2^s$; eS $28^m30{,}5^s$; eL_E 2^h47^m ca.; F 3^h16^m; d = 8780 km. Nach S-P von: Alger (9560 km), De Bilt (8450), Granada (9700), Hamburg (8280); Kobe (4048); Tortosa (9680); Wien (8220); Zagreb (8900) und Zürich. Epizentrum bei den Aleuten: 53° N; 179° E.

Nr. 6. 2. Februar. Q-P. eP $6^h19^m28{,}0^s$; eS $29^m26{,}5^s$; F 7^h15^m; d = 8780 km. Nach S-P von: Athen (9000 km); De Bilt; Batavia (8260), Darmstadt, Granada, Hamburg; Kobe (2930), Strassburg; Uccle (8350); Zagreb (8490); Zi-ka-wei (4100) und Zürich (8780)*): Epizentrum südlich von Kamtschatka 162° E; 52° N.

Nr. 7. 3. Februar. Q-P. Grosses Erdbeben. ePz $17^h13^m31{,}7^s$; iP_Z $38{,}0^s$; iS_N $23^m19{,}4^s$; F $21^1/_2{}^h$. Epizentrum nach S-P von: Alger (9570 km); De Bilt (8650); Darmstadt, Jugenheim, Granada; Kobe (2800); Strassburg, Wien; Zi-ka-wei (3900) und Zürich: 52° N; 16° E; Süd-Ost Kamtschatka.

*) Man siehe auch in unserem internationalen Sammel-Bulletin. Hier sind nur die dort fehlenden Daten angegeben. Dies gilt für die folgenden Erdbeben auch.

Nr. 8. 12. Februar. Q-P. iP_Z $3^h10^m26{,}6^s$; eS $20^m11{,}5^s$; eL ca. 43^m; schwache Registrierung. Azimut N 9° W (nach P Einsatz); d = 8500 km. Azimut graphisch nach P von Hamburg, De Bilt, Strassburg, Wien, Florenz und Zürich, für Zürich ca. N 19° E. Epizentrum nach S-P von Batavia (8350 km); De Bilt, Granada; Belgrad (8620); Wien (8400) u. Zürich 160° E; 54° N; Süd-Ost Kamtschatka.

Nr. 9. 16. Februar. Q-P. iP $10^h28^m23{,}4^s$; S_E $38^m24{,}6^s$; d = 8820 km. Azimut aus den P in Zürich ca. NNE. Nach den P von Hamburg, Uccle, Strassburg, Wien, Rocca di Papa und Zürich. Azimut graphisch für Zürich N 22° E. Epizentrum nach S-P von Batavia, Strassburg, Rocca di Papa, Wien, Alger, Uccle: 48° N; 153° E, Kurilen (was mit dem gefundenen Azimut sehr gut stimmt).

Nr. 10. 24. Februar. Q-P. ePz $8^h46^m21{,}3^s$; eS_E $56^m9{,}5^s$; eL 9^h5^m; F 9^h45^m; d = 8550 km. Epizentrum ca. 55° N; 165° E nach S-P von: De Bilt, Hamburg; Halifax (7620 km); Kobe (3500); München; Ottawa (7390); Saskatoon (5400); Strassburg, Wien, Zagreb und Zürich. Süd-Ost-Küste von Kamtschatka.

Nr. 11. 10. März. Q-P. eP $20^h53^m12{,}7^s$; eS 56^m51^s; F 21^h10^m ca. d = 2170 km. Klein-Asien. Leider erlaubt die Kenntnis der Registrierungen aus europäischen Stationen allein keine genaue Herdbestimmung.

Nr. 12. 16. März. Q-P. Sehr schwache Registrierung, Beginn ganz zweifelhaft. (P) ca. 23^h15^m; e(S) 26^m18^s; eL 53; F 0^h30^m.

Nr. 13. 24. März. Q-P. e(P) $13^h51^m21^s$; (S) $14^h0^m55^s$; d = 8285 (?). F 15^h15^m ca. Epizentrum nach S-P von: De Bilt, Hamburg, München, Strassburg und Zi-ka-wei. Grenze von China in Tibet: 100° E; 29° N. Wahre Distanz des Herdes für Zürich: 7700 km.

Nr. 14. 13. April. Q-P. Schwache Registrierung. Keine P; $i(S)_N$ $11^h23^m40{,}7^s$.

Nr. 15. 13. April. Q-P. P_E $16^h42^m38 \pm 2^s$ (Minutenlücke); iP_N $39{,}1^s$; eS $16^h52^m15^s$; F 17^h55^m; d = 8350 km. Azimut graphisch nach P von Hamburg, De Bilt, Paris, Strassburg, Wien, Belgrad, Zürich, Rocca di Papa, Barcelona, Tortosa, Toledo und Granada, für Zürich N 11° E. Epizentrum 55° N; 170° E, westlich Aleuten.

Nr. 16. 23. April. Schwache Registrierung. e(P) $4^h30^m10{,}2^s$; (S) 4^h40^m; eL 5^h02^m; F 5^h32^m. Nach Kobe und Zi-ka-wei, d für beide gleich ca. 1500 km. (Kobe meldet North China, registered all over Japan). Epizentrum ca. 122° E; 43° E, China.

Nr. 17. 29. April. Q-P. eP $10^h35^m22{,}4^s$; i(S) $43^m25{,}0^s$; F 11^h03^m. Fernbeben im Osten. Ueberlagerung mehrerer Erdstösse aus verschiedenen Gegenden. Die Angaben verschiedener Stationen weichen sehr von einander ab. Nach Belgrad zwei Stösse, der erste an der Adriaküste bei Sibenik (43° 41' N; 16° 01' E), der zweite wahrscheinlich im Jonischen Meer.

Nr. 18. 4. Mai. M. ePz $17^h38^m23^s$; eS $48^m21{,}4^s$; F ca. 19^h; d = 8750 km. Nach Cambridge U. S. A. (d = 6040 km); De Bilt, Granada (9410); Hamburg, München (8550); Ottawa (5520); Strassburg (8500); Zürich. Epizentrum: 55° N; 155° W, bei der Insel Kodiak (Alaska).

Nr. 19. 20. Mai. Q-P. eP $21^h54^m39 \pm 2^s$ (Minutenlücke); S $57^m24{,}0^s$; F 22^h07^m; d = 1600 km ca. Herd wahrscheinlich in Griechenland. Unsicherheit in den Phasen verschiedener Stationen erlaubt keine Berechnung des Epizentrums.

Nr. 20. 23.-24. Mai. Q-P. eP $23^h48^m59{,}3^s$; S(?) 58^m38^s; eL 0^h24^m ca.; F 1^h40^m ca.; d = ca. 8400 km. Aleuten. Epizentrum $175 \pm 5°$ E; $52 \pm 2°$ N, nach Kobe (d = 4362 km); Ottawa (7580); De Bilt, Strassburg, Toledo, Hamburg; Zagreb (8670) und Zürich.

Nr. 21. 25. Mai. Q-P. eP $23^h29^m14{,}7^s$; e(S) $23^h35^m24{,}2^s$; eL 23^h49^m; F ca. 0^h0^m. Schwache Registrierung, gestört durch mikroseismische Unruhe. d = 4400 km. Starkes Erdbeben in Nord-Persien in der Gegend von Turbeti-Heidar, wo es starke Verwüstungen verursachte und wo zahlreiche Menschen ums Leben kamen. Dieses Erdbeben wurde allgemein sehr schwach registriert.

Nr. 22. 28. Mai. Q-P. iP $2^h38^m26{,}8^s$; S $2^h48^m51{,}6^s$; L sehr schwach, ca. 3^h17^m; F ca. 3^h30^m. d = 9300 km. Amplitude der P viel grösser auf E–W als auf N–S. Die Periode ist auch auf letztere Komponente nur 1 bis $1{,}5^s$, auf E–W hingegen $3{,}5^s$. Ungefähres Azimut E–W. Nach Batavia (d = 1990 km); De Bilt, Strassburg, Zagreb und Zürich Epizentrum ca. 95° E; 5° N. Nord-Ende von Sumatra.

Nr. 23. 30. Mai. M. eP_N $9^h39^m52{,}7^s$; eS_E $46^m50{,}5^s$; sehr schwache Registrierungen. d = 5270 km. Graphische Kontrolle der P zeigt, dass unsere P ca. 12 Sek. zu spät sind (kleine Vergrösserung). Azimut nach P von De Bilt, Hamburg, Strassburg, Wien, Rocca di Papa ca. N 15° E. Herd ca. 140–150° E; 80° N. Nördliches Eismeer.

Nr. 24. 30. Mai. M. eP_N $19^h05^m50{,}4^s$; eS_E $13^m01{,}1^s$; d = 5530 km. Azimut graphisch nach P von Hamburg, De Bilt, Wien, Strassburg und Zürich ca. N 13° E. Derselbe Herd wie Nr. 23.

Nr. 25. 1. Juni. M. P 18^h38^m (Beginn sehr schwach und unsicher). eS $48^m07{,}9^s$; eL 19^h07^m; F 19^h37^m; d = ca. 9000 km. Japan. Azimut graphisch für Zürich nach den P von Hamburg, De Bilt, Strassburg, Wien und Florenz ca. N 40° E. Kobe gibt d = 625 km an und als Herd Kasima sea. Nach den d von Strassburg, Florenz, De Bilt, München, Hamburg, Batavia (5810) und Kobe (625). Herd wahrscheinlich in der Nähe von Tokyo.

Nr. 26. 1. Juni. M. (P) $21^h28^m40^s$ (?), Beginn sehr schwach, unsicher; eS $39^m07{,}4^s$; d = 9340 km. Nachstoss desselben Herdes wie Nr. 25.

Nr. 27. 18. Juni. M. P $9^h35^m43 \pm 2^s$ (Min.-Lücke); keine S. Die versch. Erdbebenstationen weichen sehr von einander ab in der Deutung der Phasen.

Nr. 28. 22. Juni. M. eP_V $7^h56^m09{,}5^s$; S $8^h05^m44^s$ (Minutenlücke). eL 8^h14^m; F 9^h15^m. Epizentrum nach d von De Bilt, Florenz, Hamburg, Granada, Strassburg, Toledo, Wien, Zagreb, Zi-ka-wei und Zürich: 24° N; 99° E, Burma.

Nr. 29. 13. Juli. ePz $12^h26^m20{,}8^s$; S $36^m44{,}4^s$; eL 58^m; M 13^h09^m; d = 9280 km. Japan, nach Kobe (d = 713 km): „In der Nähe der Insel Tanegasima. In der Epizentral-Gegend wurde ein starker Stoss gespürt." Nach d von Kobe, Zi-ka-wei (840), Strassburg, Florenz, De Bilt, Hamburg, Wien. Epizentrum: 29° N; 130° E, südlich der Insel Tanegasima.

Nr. 30. 22. Juli. Q-P. ePz $15^h30^m10{,}3^s$; iPz $12{,}6^s$; eS $40^m27{,}2^s$; d = 9125 km. — Nach d von Kobe (3722 km); Ottawa (7320); De Bilt, Hamburg, Granada, Strassburg und Zürich. Epizentrum: 174° E; 53° N, Aleuten.

Nr. 31. 1. August. Q-P. iP $9^h20^m36{,}0^s$; iS $9^h23^m52{,}8^s$; F 9^h40^m. d = 1930 km. Azimut E 35 S. Wurde in Kreta gespürt, nach einer Meldung aus Athen. Die d von Athen (315 km), Belgrad (1230), Ksara (860), Alger (1980), Zagreb, Strassburg weisen mit Sicherheit auf die Insel Kreta, als Epizentrum ca. 26° E und 36° N.

Nr. 32. 4. August. Q-P. iP $5^h15^m30{,}4^s$; (S) $18^m08{,}4^s$; d = 1830 km. Nach Rocca di Papa (S-P = 134 s., d = 1260 km) und Zürich. Herd wahrscheinlich im Aegäischen Meer, ca. 26° E; 37° N.

Nr. 33. 8. August. eP $13^h12^m31{,}3^s$; eS 21^m29^s; d = 7570 km. Schwache Registrierung (deutliche Phasen). Azimut graphisch nach P von Hamburg, De Bilt, Zagreb, Zürich, Rocca di Papa, Tortosa und Granada: ca. W 8° S. Epizentrum nach diesem und nach d von De Bilt, Hamburg, Wien (7030), Zagreb und Zürich: Kleine Antillen (nördlich von Trinidad): 62° W; 12° N. (P von Strassburg 4 Sek. zu spät, P von Wien 12 Sek. zu spät.)

Nr. 34. 8. August. Q-P. eP $13^h27^m16{,}7^s$; eS 35^m16^s; d = 6430 km. Schwache Registrierung, deutliche Phasen. Azimut graphisch nach P von Hamburg, De Bilt, Paris, Wien, Zürich, Rocca di Papa, Barcelona und Coimbra, für Zürich ca. S 50 W. Nach diesem Azimut und nach dem d von De Bilt, Granada, Zagreb, Wien (7030), Toledo und Zürich. Epizentrum: Atlantischer Ozean ca. 3° N; 32° W. (P von Strassburg ist wahrscheinlich ca. 5 Sek. zu spät.)

Nr. 35. 10. August. Q-P. eP_Z $17^h09^m25{,}6^s$; eS $18^m31{,}5^s$; d = 7725 km. Schwache Registr., deutl. Phasen. Herd Burma oder Indischer Ozean.

Nr. 36. 12. August. Q-P. eP $11^h19^m03{,}3^s$; eS $30^m01{,}6^s$; d = 10000 km. Schwache Registrierung. Azimut graphisch nach P von Hamburg, De Bilt, Uccle, Strassburg, Zürich, Rocca di Papa und Wien ca. N 65° E. Herd-Gegend von Formosa und Luzon.

Nr. 37. 16. August. Q-P. iP_Z $21^h34^m51{,}8^s$; keine S; sehr schwache Registrierung. Nach Bulletin von Kobe: lokales Beben in Kii-Strasse.

Nr. 38. 17. August. Q-P. iP_Z $4^h58^m47{,}8^s$; (S) 5^h09^m ca.; d = ca. 9000 km. Nach Bulletin von Kobe: lokales Beben in Kii-Strasse. Sehr schwache Registrierung.

Nr. 39. 29. August. Q-P. e(P) $0^h31^m30^s$; e(S) 38^m53^s; eL 0^h54^s; très donteux.

Nr. 40. 1. September. Q-P. eP_Z $4^h11^m13{,}9^s$; iS $21^m45{,}6^s$; eL 4^h45^m; d = 9440 km. Grosses Fernbeben in Japan. Zerstörung von Tokyo und Yokohama.

Nr. 41. 1. September. Q-P. eP_E $8^h50^m47{,}5^s$; eP_Z $48{,}4^s$; eS_N $9^h01^m16{,}6^s$; d = 9380 km. Japan, Nachstoss von Nr. 40.

Nr. 42. 2. September. Q-P. eP $3^h59^m25{,}9^s$; eS $4^h09^m47{,}7^s$; d = 9230 km. Grosses Fernbeben. Japan: Tokyo, Yokohama.

Nr. 43. 2. September. Q-P. $e(P)_Z$ $10^h39^m35{,}4^s$; iP_N $38{,}0^s$; eS_E $49^m58{,}0^s$; eS_N $50^m01{,}5^s$; d = 9250 km. Japan, Nachstoss von Nr. 42.

Nr. 44. 2. September. Q-P. eP $14^h22^m17 \pm 2^s$ (Minutenlücke); eS $32^m17 \pm 2^s$ (Minutenlücke); e = ca. 8800 km. Japan, Nachstoss von Nr. 42.

Nr. 45. 2. September. Q-P. eP $23^h51^m10{,}0^s$; eS $0^h01^m30{,}4^s$; iS $32{,}4^s$; d = 9200 km. Japan, Nachstoss von Nr. 43.

Nr. 46. 9. September. Q-P. eP_E $23^h14^m39{,}5^s$; i $51{,}8^s$; eS $23^m29{,}7^s$; F ca. 0^h15^m; d = 7400 km. Azimut graphisch nach P von Hamburg, De Bilt, Uccle, Strassburg, Zürich, München, Zagreb, Rocca di Papa und Tortosa: für Zürich E 13° N. Herd ca. 28° N; 93° E (Himalaya Tibet); nach d von Zürich, Toledo, München, De Bilt, Uccle, Zagreb, Granada, Hamburg.

Nr. 47. 14. September. Q-P. e(P) $14^h07^m09{,}8^s$; um 14^h26^m neue Wellen T = 3–5 Sek.).

Nr. 48. 17. September. Q-P. P $8^h16^m27 \pm 3^s$ (Minutenlücke); S sehr zweifelhaft; F ca. 9^h15^m; S-P = ca. 6 Min. d wahrscheinlich ca. 4200 km. Dieses Erdbeben ereignete sich in der Provinz Chorasan in Persien (Gegend von Budjnurd und Meschhed), wo es zerstörend wirkte. Ungefähres makroseismisches Epizentrum ca. 37° N; 58° E. Entfernung dieses Punktes von Zürich ca. 4200 km. Azimut E.

Nr. 49. 22. September. M. eP $21^h55^m21{,}6^s$; iP $27{,}7^s$; i_E ($P R_2$?) $57^m14{,}8$; e(S) $22^h01^m37{,}1^s$; d = 4550 km. S unsicher. Die d von verschiedenen Stationen weichen stark von einander ab und ermöglichen nicht die sichere Bestimmung des Epizentrums: Helwan (2450 km), Ksara (2110), Athen (3420), Zi-ka-wei (6000), Abisko (5010), De Bilt, Algier (4840), Granada, Strassburg. Nach Zeitungsmeldungen: Persien, Provinz Chorasan.

Nr. 50. 26. September. M. $e(P)_E$ $3^h38^m58{,}9^s$; eP_Z $39^m05{,}4^s$; sehr schwach; keine S. Nach La Paz (d = 4370 km), Granada (5060) und Strassburg (6450). Epizentrum nahe der Insel St. Paul (Atlant. Ozean) ca. 0°; 30° W.

Nr. 51. 26. September. M. eP $9^h36^m33^s$; keine S; eL 10^h09^m. Nach Kobe (d = 360 km) und Zi-ka-wei (d = 1650 ENE). Epizentrum: 139° E; 32° N, Sagami sea, Japan.

Nr. 52. 30. September. M. eP_Z $2^h26^m32{,}8^s$; (S) $31^m12.6^s$; d = 3300 km. Epizentrum ca. 65° N; 35° W; Nahe an der Küste von Grönland. Nach d von Dyce (1890), Oxford (2360) und Zürich. Unsicher, die S scheinen nicht deutlich gewesen zu sein.

Nr. 53. 7. Oktober. M. eP $4^h48^m55^s$; (S) 59^m26^s; d = 9400 km (?).

Nr. 54. 10. Oktober. M. eP $8^h16^m51{,}3^s$; eS $21^m15{,}2^s$; eL 8^h26^m; F ca. 9^h; d = 2750 km. Azimut ungefähr N. Epizentrum ca. 10° W; 71° N, nahe Jan Mayen; nach Hamburg, De Bilt, Bergen (1375), Uccle, Strassburg, München und Zürich.

Nr. 55. 2. November. Q-P. eP_Z $22^h26^m59{,}0^s$; keine S: schwache Registrierung eines weiten Bebens. Nach Zeitungen Herd in der Nähe der Guam (Marianen). Für Batavia: d = 5130 km.

Nr. 56. 3. November. Q-P. eP_Z $9^h48^m55{,}9^s$; keine S; wahrscheinlich Atlantischer Ozean.

Nr. 57. 3. November. Q-P. P_Z $17^h32^m04{,}6^s$; keine S; eL $18^h4^1/_2{}^m$. Japan. Kobe d = 953 km.

Nr. 58. 4. November. Q-P. eP_Z $1^h23^m28 \pm 2^s$ (Minutenlücke); keine S. Schwache Registrierung eines weiten Bebens.

Nr. 59. 5. November. Q-P. eP_Z $22^h40^m40{,}2^s$; eS $51^m06{,}6^s$; eL $56^1/_2{}^m$; d = ca. 9200 km. Nach Zi-ka-wei (d = 650 km) und Kobe (877 km). Epizentrum 128° E; 29° N, Ostchinesisches Meer.

Nr. 60. 17. November. Q-P. iP $4^h05^m30{,}8^s$: keine S; keine L. Nach P von Strassburg, Wien und Zürich. Azimut ca. N. Nach Ottawa (d = 7120 km) und Granada (d = 9050). Epizentrum wahrscheinlich 160° E; 62° N; Kamtschatka.

Nr. 61. 5. Dezember. Q-P. eP_Z $21^h59^m57{,}2^s$; iS $22^h02^m35{,}0^s$; F 22^h36^m ca.; d = 1500 km. Nach Belgrad: Herd unteres Wardartal; schwach gespürt in Sofia.

Nr. 62. 7. Dezember. Q-P. i $17^h05^m02{,}8^s$; keine S; keine L. Anfang eines Fernbebens. Herd unbekannt.

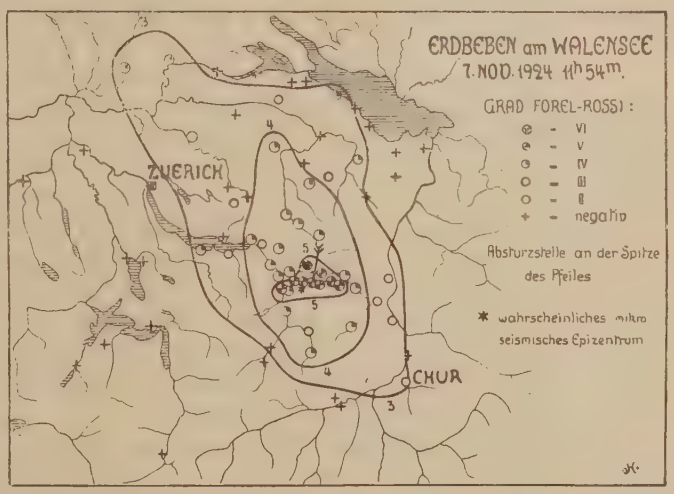
Nr. 63. 28. Dezember. Q-P. $e(P)_Z$ $23^h33^m48^s$; eP_N 51^s; eP_E 55^s; i_E $35^m28{,}9^s$; e(L) 43^m46^s. Sehr schwache Registrierung.

Anhang.

Ueber das Erdbeben am Walensee vom 7. November 1924 und die Auslösung des Felssturzes am 8. und 11. November durch dasselbe.

Unter allen Erdbeben der Schweiz, die in dieser nun über mehr als 40 Jahren sich erstreckenden Beobachtungsserie aufgeführt sind, ist wohl keines, das im eigentlichen Sinne des Wortes „weitergehende" Wirkungen ausgeübt hat, als dasjenige vom 7. November 1924 am Walensee, welches unseres Erachtens mit der grössten Wahrscheinlichkeit den Felsbruch ausgelöst hat, der die am Walensee durchführende internationale Eisenbahnlinie für Monatsdauer unterbrochen hat. Wir haben es daher als angezeigt erachtet, die seismologischen Daten, die uns zur Verfügung stehen, an dieser Stelle sobald als möglich zu veröffentlichen und damit der besseren Beurteilung der Faktoren zu dienen, welche zu diesem so sehr beachteten Ereignis geführt haben können.

Wir bringen an erster Stelle die nebenstehende Uebersichtskarte über die Ausdehnung der von Menschen gespürten makroseismischen Erschütterung, welche um 34 Stunden dem Felssturz vorangegangen ist. Der Felssturz wird charakterisiert durch folgende Angaben: abgestürzte Masse ca. 28 000 m³ (zum Teil bis in den See), zwei Abstürze am 8. November ca. 21h10–20m und am 11. November ca. 3h50m, von denen der zweite der stärkere war. In dieser Karte und namentlich in der darin deutlich sich ausprägenden Lage des Haupterschütterungsgebietes zu dem Felssturz (Epizentrum) liegt eigentlich das wesentliche Argument für die ursächlichen Beziehungen zwischen beiden Erscheinungen. Die Dauer der Zwischenzeit von 33 Stunden könnte sonst in dieser Beziehung ein wenig Zweifel lassen. Aber wie man sieht, dass das Hauptschüttergebiet vom Grade 5 gerade in die Gegend des Felssturzes zu liegen kommt, kann man sich des Eindrucks einer bestehenden Beziehung nicht erwehren. Wir geben weiter unten eine Zusammenstellung über die im Hauptschüttergebiet gemachten Intensität. Es ist bei uns selten diese Intensität auf einer grösseren Fläche so homogen anzutreffen, wie es hier der Fall ist.



Wenn auch bei diesem Grad der Erschütterung Beschädigungen an Bauwerken noch nicht aufzutreten pflegen, so haben wir doch Beispiele gerade aus dem benachbarten Glarus, dass beim Auftreten solcher Intensitäten in den Tälern (Linthal etc.) im Gebirge schon Felsstürze eingetreten sind (so das Erdbeben vom 6. September 1917 zwischen Glarus und Schwyz). Es erscheint also wohl denkbar, ja sehr wahrscheinlich, dass auch unser Felssturz in dieser Weise seine Auslösung erfahren hat. Es ist von geologischer Seite nachgewiesen worden, dass an der Absturzstelle schon verschiedene Faktoren vorhanden waren, welche ein solches Ereignis vorbereiten konnten, so besonders die lokale sehr starke Schwächung des Felshanges oberhalb der Eisenbahn durch die grossen Stollen der Zementsteinbrüche.

Wenn man die Uebereinstimmung des makroseismischen Epizentrums mit der Gegend des Felssturzes sieht, so kann man geradezu zu der Frage geführt werden, ob nicht umgekehrt ein vorbereitender Einsturz in diesem Zementsteinbergwerk irgendwie das Erdbeben selbst ausgelöst habe, wenn auch bis jetzt von einem solchen Einsturz nichts bekannt geworden ist. Es müssten zunächst Andeutungen für ein solches Ereignis auf Grund von Beobachtungen im Bergwerk selbst vorliegen. Es ist auch nicht wahrscheinlich, dass durch einen solchen Vorgang selbst eine so grosse Energie ausgelöst worden wäre, wie sie aus dem makroseismischen Bilde hervorzugehen scheint. Es müsste an eine Auslösung einer vorhandenen eigentlichen tektonischen Erdbebenspannung durch Vorgänge im Bergwerk gedacht werden. Wir wollten diese seitens technischer Organe der Bundesbahnen aufgeworfene Frage nicht mit Stillschweigen übergehen, um so mehr als sie zeigt, wie sehr das Zusammenfallen des Epizentralgebietes mit dem Felssturzgebiet einen überraschenden Eindruck der Zusammengehörigkeit macht. Wir gehen also mit den Geologen einig, dem Erdbeben mindestens eine auslösende Wirkung zuzuschreiben.

2. Die direkten Meldungen aus dem Epizentralgebiet sollen im folgenden wiedergegeben werden insofern sie die Art und die Intensität des Phänomens charakterisieren:

7. November 1924. Originalberichte aus dem Epizentralgebiet.

Filzbach. Von vielen beobachtet. Unter 20 befragten Familien gespürt von ca. 14 Personen. Auch im Erdgeschoss und im Freien gespürt. Zittern. Dauer ca. 1½ Sekunden. Keine deutlich getrennte Stösse. Seitlich von Südwesten. Bestätigt durch Bewegung von Gegenständen. Geräusch vor dem Erzittern.

Obstalden. Allgemein gespürt als 2 Stösse im Zwischenraum von ca. 1 Sekunde von unten kommend.

Mühlehorn. Allgemein gespürt, auch im Erdgeschoss, stärker am Berg. 2 deutlich getrennte Stösse im Zwischenraum von ca. 1 Sek., senkrecht von oben. 2 Stösse gleichzeitig. Geräusch gleichzeitig. Man spürte 2 starke Schläge wie beim Fall von Trümmer oder Stein.

Murg. Allgemein gespürt, auch im Erdgeschoss, weniger im Freien, 2 horizontale Stösse. Zweiter Stoss weniger allgemein gespürt.

Unterterzen. Allgemein gespürt. Vorwiegend in obern Stockwerken; auch im Erdgeschoss. Schaukeln. Stossrichtung horizontal. Gegenstände in Bewegung gesetzt. Geräusche. Es war, als falle ein Schrank direkt gegen eine Person.

Oberterzen. Allgemein gespürt, vorwiegend in oberen Stockwerken, auch im Erdgeschoss. Zittern. Geschätzte Dauer 60 Sekunden. Stossrichtung seitlich von Westen. Bestätigt durch Bewegung von Gegenständen. Geräusche gleichzeitig.

Quinten. Heute Freitag, mittags 11^h55^m verspürten wir hier 2 unmittelbar zeitlich sich folgende Erdstösse, einen ersten schwächeren und einen zweiten sehr kräftigen. Der zweite Stoss erschütterte das Haus (Holzbau) durch und durch.

Amden. Allgemein gespürt, auch im Erdgeschoss und im Freien, stärker am Berg. Art der Erschütterung: Ein Stoss und Schaukeln. Dauer ca. 10 Sekunden. Geräusch: starker Krach, Waldbäume schwankten. Die Leute eilten aus den Häusern.

Bilten. Von vielen gespürt. Unter vier befragten Familien wurde es von acht Personen gespürt. Wurde auch im Erdgeschoss gespürt. Zittern, Dauer 3 Sekunden. Keine getrennte Stösse. Gegenstände wurden in Bewegung gesetzt. Schaukeln von Lampen, leere Flaschen umgefallen. Beben von Balken im Stalle. Katzen flüchten ins Freie. So stark wie schon viele Jahre nicht mehr.

Schännis. Von einer Person im Freien verspürt: eine leichte und eine stärkere Erschütterung.

Glarus. Allgemein gespürt. 1 Stoss, Dauer ca. ½ Sekunde. Richtung Nord-Süd. Kurzer Stoss und Geräusch. Viele Beobachter melden, dass sie das Gefühl hatten, als ob etwas Schweres in ihrer Wohnung heruntergefallen wäre.
Andere Meldung. Von vielen gespürt. Auch im Erdgeschoss. 1 Stoss, Dauer 1—2 Sekunden. Seitlich von W n. E. Bestätigt durch Bewegung von Gegenständen. Geräusche gleichzeitig. Blumenstöcke im Parterre machten die Bewegung deutlich mit.

Niederurnen. Von vielen gespürt. Zittern. Dauer ca. 1 Sekunde. Stossrichtung senkrecht. Geräusch gleichzeitig. Man glaubte, dass im oberen Stockwerk irgend ein schwerer Gegenstand zu Boden gefallen sei.

3. Es liegen auch deutliche Registrierungen vor von den seismologischen Stationen Chur und namentlich von Zürich, so dass man versuchen kann, mit Hilfe derselben den Ort der Erschütterung festlegen zu wollen. Man kann dies versuchen erstens auf Grund der Phasendifferenz P und S, indem man ein gewisses Verhältnis der Geschwindigkeiten der Wellen P und S annimmt, etwa den viel verwendeten theoretischen und auch empirisch bestätigten Wert 1,73, und für die Geschwindigkeit der P 5,53 km/sec. Man erhält dann folgende Abstände der beiden Stationen vom Epizentrum: Zürich 49,8 km; Chur 45,3 km. Nach der Tafel Mohorovicic's für die Herdtiefe 25 km bekommt man die wenig davon abweichenden Werte: Zürich 47,5 km; Chur 42,5 km.

Diese Abstände entsprechen sehr gut dem makroseismisch gefundenen Epizentrum, sowohl was den Abstand von Zürich wie von Chur betrifft. Da aber die Festlegung eines mikroseismischen Epizentrums in diesem Falle nicht genauer möglich ist, weil die Lage desselben wohl in der Richtung Zürich-Chur recht genau, d. h. auf wenige Kilometer bestimmt erscheint, während senkrecht dazu die Position unsicher ist, so lässt sich auch nichts Neues beibringen über das hinaus, was schon die makroseismische Karte aussagt.

4. Aus den registrierten Zeiten der Ankunft der Erdbebenwellen in Chur und Zürich und aus der annähernd bekannten Geschwindigkeit dieser Wellen lässt sich die Eintretenszeit des Erdbebens im Epizentrum berechnen. Nach Zürich folgt dafür die Zeit $11^h54^m24{,}7^s$, während die nach Chur berechnete Zeit um 2 Sekunden differiert, indem sie $54^m22{,}7^s$ betragen würde. Man kann finden, dass die Uebereinstimmung sehr gut ist; vom mikroseismischen Standpunkt aus ist dies allerdings nicht der Fall und man muss auf einen Zeitfehler in Chur schliessen. Offenbar ist die Zeitinterpolation nach den Bedingungen des Apparates und der Uhr nicht immer mit der vollen Schärfe möglich. Eine vollständige Ortsbestimmung auf Grund dieser Ankunftszeiten: Zürich P $11^h54^m33{,}7^s$, Chur $11^h54^m30{,}9^s$ ist nicht möglich. Es bedürfte dazu der zuverlässigen Angabe von mindestens noch einer anderen nahe gelegenen Station. Nun ist allerdings das Erdbeben sehr schwach auch in Neuchâtel und schwach auch in Strassburg registriert worden. Diese beiden Stationen haben uns ebenso wie Chur liebenswürdigst Einblick in ihre Seismogramme gewährt. In Neuchâtel scheint die Phase S angedeutet, ebenso deutlicher in Strassburg um $11^h55^m33^s$ (13 Sekunden zu spät). Dort sind auf der Vertikalkomponente anscheinend noch Teile der Phase P vorhanden, wenn auch mit einer beträchtlichen Differenz von 16 Sekunden gegenüber der zu erwartenden Laufzeit. Die Aufzeichnungen der Stationen Neuchâtel und Strassburg können also nicht viel helfen zur Festlegung eines mikroseismischen Epizentrums, und es lässt sich für dessen Festlegung nur das folgende Angenäherte angeben: $9^\circ\,8'$ E; $47^\circ\,5'$ N, nördlich vom Mürtschenstock, beim Neuenkamm (geschätzte Genauigkeit $\pm$ 2 km).

Es lässt sich also zusammenfassend von den seismographischen Aufzeichnungen sagen, dass sie zwar die Herkunft des Erdbebens an sich allein ganz zufriedenstellend in der Gegend des Walensees fixiert hätten, dass aber in diesem Falle die makroseismischen Aufzeichnungen, verbessert natürlich durch die systematische schriftliche Umfrage des Erdbebendienstes in der betreffenden Gegend, noch genaueres ergeben, wie dies eben aus dem Kärtchen unmittelbar hervorgeht. Es lässt sich also auch auf Grund dieser Angaben nichts weiteres angeben, als dass die Gegend des Felsrutsches

ungefähr mit dem Mittelpunkt des Epizentralgebietes übereinstimmt. Man wird dies zufällig nennen müssen, wenn man nicht eben die Tatsache als nicht-zufällig betrachten will, dass gerade mitten in einer solchen Epizentralgegend ganz kurz nach dem Erdbeben ein solcher Felsrutsch aufgetreten oder sagen wir dann lieber ausgelöst worden ist. Es bleibt unsere Vermutung bestehen, dass Erdbeben von Stärkegrad 5–6 wie dieses noch an manchen Stellen der Alpen für Sturz- oder Rutschbereites Material ein effektiv stark Auslösungsbewirkendes Moment bilden würde. Die Beschleunigungen dieses Erschütterungsgrades betragen immerhin 50–100 mm sek.^{2} (nach Siebergs Erdbebenkunde), und sind unvergleichlich viel grösser, wohl das Hundertfache, als diejenigen eines Eisenbahnzuges aus 50 oder 100 m Entfernung. Das letztere dürfte hervorgehen aus direkten instrumentellen Messungen, die wir am 21. April 1924 im Epizentralgebiet des letzten Visper-Erdbebens gemacht haben. Von welchem Grade der Auslösungswirkung an man nicht mehr von Auslösung, sondern von unmittelbarer Ursache sprechen will, ist wohl eine Sache der Definition. Wir haben mit unserem Hinweise gegenüber den Geologen (vergleiche „Neue Zürcher Zeitung" 1924, Nr. 1760 und 1819) nur geglaubt, auseinandersetzen zu sollen, dass dem Erdbeben im vorliegenden Falle eine ganz besondere Rolle zugekommen ist, welche uns wohl aus der Erfahrung geläufiger wäre, wenn nur Erdbeben von dieser Intensität in unseren tiefer und steiler eingeschnittenen Alpentälern nicht ziemlich selten wären.

Dass unsern Erdbeben eine solche Rolle zufallen kann, schien uns von Interesse nachzuweisen.

Erdbeben der Schweiz im Jahre 1923.

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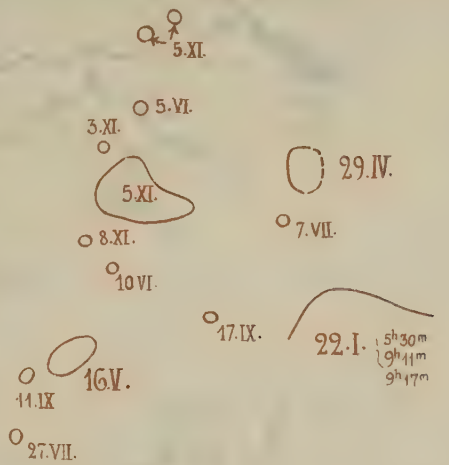
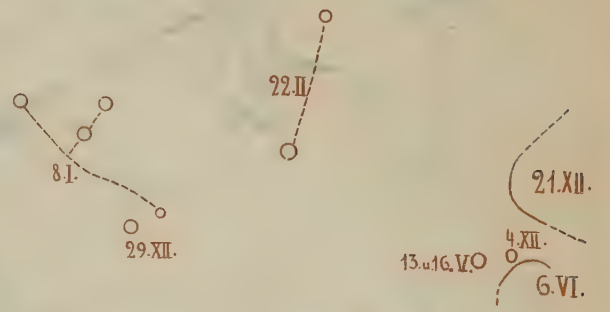
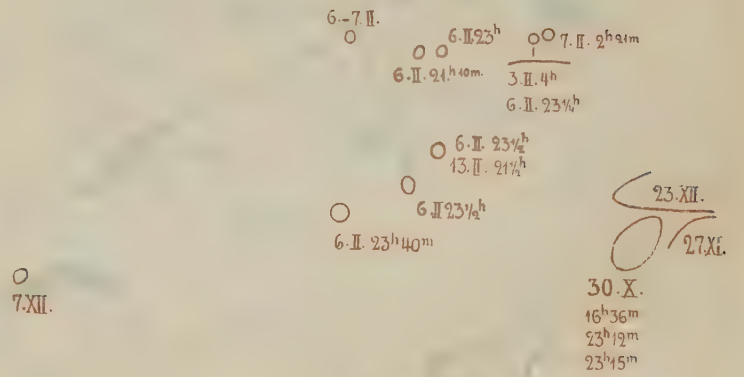


8. I. 22. II. 13. u. 16. V. 6. VI. 4. XII. 21. XII. 29. XII.



9. XI.

3. 6. 7. 13. II, 30. X, 27. XI, 7. XII, 23. XII.



Untersuchung des De Quervain–Piccard'schen Seismographen und einiger allgemeiner seismometrischer Probleme.

Von H. P. BERLAGE Jr.

INHALT.

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Diese Arbeit ist entstanden auf Anregung von Herrn Prof. E. MEISSNER von der Eidg. Techn. Hochschule in Zürich und dank dem Entgegenkommen der Leitung der metereologischen Anstalt und des Schweizerischen Erdbebendienstes, insbesondere von Herrn Prof. A. DE QUERVAIN, welcher der Untersuchung alles Interesse entgegen brachte.

I. Vorbemerkung über den Zweck des untersuchten Instrumentes.

Dieses seismographische Pendel wurde konstruiert aus dem Bedürfnis heraus, vor allem die alpinen Erdbeben und überhaupt die kurzperiodischen Wellen der Nahebeben und der Anfangsphase der Fernbeben zu registrieren. Die Praxis erforderte die sehr starke Vergrösserung von ca. 1500. Von vornherein lag die Absicht vor, drei Komponenten der Bewegung aufzuzeichnen.

Einerseits war daher eine sehr grosse träge Masse nötig, anderseits aber schlossen Kosten und Raum die Installation von allzugrossen Massen aus. Dies führte zu der Lösung, alle drei Komponenten durch diese eine Masse registrieren zu lassen. Die bei dieser neuen Konstruktion auftretenden mechanischen Probleme werden im Folgenden untersucht.

II. Das Schema des Pendels.

Eine Masse von annähernd kubischer Gestalt wird getragen von 4 Federn F, welche ihrerseits an einer quadratischen Platte angehängt sind; diese ist mit einer Tragstange OP fest verbunden (Figur 1). Der Aufhängepunkt sei vorläufig durch ein Gerüst starr mit der Erde verbunden gedacht. In O geht die Tragstange in eine Schraubenspindel über, deren Mutter auf Kugeln gelagert ist. Dadurch wurde ein leichtes Heben und Senken der Masse mittels Drehung dieser Mutter ermöglicht. Ob man dabei die Stange OP im Punkte O als eingespannt oder als frei beweglich zu betrachten hat, ist aus dieser Konstruktion nicht ohne weiteres ersichtlich. Wir werden diese Tatsache berücksichtigen.

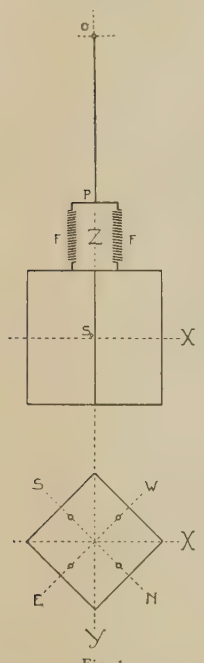


Fig. 1.

Es ist klar, dass die Masse die sechs Freiheitsgrade des freibeweglichen, starren, Körpers besitzt. Sie kann kleine Translationen längs den drei Achsen x, y, z, (welche wir durch den Schwerpunkt S_0 legen wollen) und Rotationen um diese Achsen ausführen.

Wenn man der Masse in irgend einem ihrer Punkte in einer beliebigen Richtung einen Stoss erteilt, so wird sie im allgemeinen in jedem der 6 Freiheitsgrade eine Bewegung ausführen. Wenn die Amplituden klein bleiben, kann die Bewegung als Ueberlagerung von 6 „Hauptschwingungen" angesehen werden.

Neben den Schwingungen längs den 3 Achsen x, y, z und der Torsionsschwingung um die z Achse kann man etwa sprechen von einer Schaukelung um die x oder y Achse.

III. Das Schema der Untersuchung der Pendelschwingungen.

In der wirklichen Ausführung wird die Bewegung der Masse registriert in der Richtung der z Achse und in den beiden darauf und unter sich senkrecht stehenden Richtungen, welche mit den Buchstaben N S (Nord-Süd) und E W (Ost-West) bezeichnet sind (Figur 1).

Mit Rücksicht auf die Anordnung der Tragfedern wollen wir jedoch einfachheitshalber die Bewegungen in der Richtung der x, y und z Achse untersuchen. Es ist dies ja nur eine andere Art der Zerlegung. Auch die Schaukelungen um die N S oder E W Achse sind, abgesehen von der später zu besprechenen Astatisierung, nicht etwa gegen diejenigen um die x oder y Achse ausgezeichnet; denn das Massenträgheitsmoment des Klotzes ist aus Symmetriegründen für alle horizontale Achsen durch den Schwerpunkt gleich und (wie man leicht nachrechnet) muss auch die Schaukelungsperiode unter Vernachlässigung kleiner Grössen zweiter Ordnung für alle diese Achsen gleich ausfallen. Dies wird denn auch durch die Versuche bestätigt.

In erster Linie ist nun die Frage nach der Unabhängigkeit der Bewegungen in den verschiedenen Freiheitsgraden wichtig. Wie wir sehen werden, sind unter diesen Bewegungen mehrere, wenn auch in geringem Maasse, gekoppelt, und wir werden nacheinander die Koppelung der Horizontalschwingung und der Schaukelung, der Horizontalschwingung und der Torsionsschwingung, der Vertikalschwingung und der Schaukelung sorgfältig untersuchen.

Man ist wohl gezwungen, die Rechnung in solche Abschnitte zu zerlegen; sie geben immerhin zusammen ein ziemlich vollständiges Bild der kinematischen Verhältnisse. Das allgemeine Problem der kleinen Schwingungen nach 6 Koordinaten lässt sich zwar theoretisch erledigen, aber praktisch stösst die Durchführung auf zu grosse Komplikationen. Vorläufig wollen wir auch von jeder dämpfenden Wirkung absehen.

IV. Die Koppelung der Horizontalschwingung und der Schaukelung.

Wir wollen uns auf das Problem der Schwingungen in der x—z Ebene beschränken, wobei wir jede vertikale Bewegung des Schwerpunktes als kleine Grösse zweiter Ordnung vernachlässigen. Dies ist erlaubt wenn

man von jeder absichtlichen Anregung der vertikalen Schwingung der Masse absieht. Es bleibt noch die Frage, ob die Tragstange im Punkte O als eingespannt oder als frei beweglich zu betrachten ist. Nach der Art der Konstruktion ist die Einspannung sicher nicht vollkommen, und wir werden darum beide Grenzfälle getrennt behandeln und die Resultate nachher numerisch vergleichen. Die Federn wollen wir einstweilen als in ihren Befestigungspunkten frei beweglich ansehen. Später werden wir auf die Unhaltbarkeit dieser Annahme zurückkommen müssen.

a. Die Tragstange sei in O frei beweglich (Figur 2).

Wir denken uns den Schwerpunkt S_0 der Masse um x aus der Gleichgewichtslage verschoben und die Masse über einen Winkel φ um eine Achse gedreht, welche senkrecht zur Zeichnungsebene steht. Von der Masse sind deutlichkeitshalber nur der Schwerpunkt und seine starre Verbindung mit den Tragfedern gezeichnet. M sei die Masse, Θ das Trägheitsmoment in Bezug auf eine Horizontale durch den Schwerpunkt. Es seien weiter l_1 und l_2 die Federlängen, K_1 und K_2 die ihnen entsprechenden Federkräfte, f sei die Federkonstante. Schliesslich sei ψ der Winkel, welchen die Tragstange, ψ' der Winkel, welchen die Tragfedern mit der Vertikale einschliessen.

Wir nehmen an, dass die Resultante R der beiden Federkräfte durch den Punkt O gehe, was auf die Vernachlässigung der Trägheit der Aufhängestange herausläuft. Es sei von vornherein von der Berücksichtigung kleiner Grössen zweiter Ordnung abgesehen. Man erhält daher die Beziehung:

$$\psi' = \psi + \frac{4 f b^2 (\psi - \varphi)}{l M g} \quad \ldots\ldots\ldots \quad (1)$$

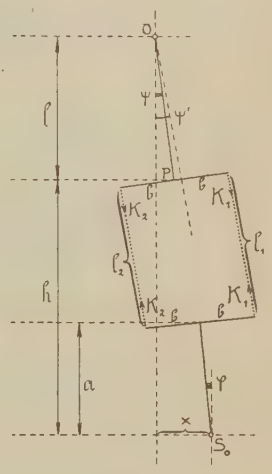


Fig. 2.

indem:

$$K_1 = \frac{M g}{4} + f b (\psi - \varphi) \text{ und } K_2 = \frac{M g}{4} - f b (\psi - \varphi) \quad \ldots \quad (2)$$

Für die Längen der Senkrechten von S_0 auf K_1 und K_2 findet man:

$$\begin{matrix} d_1 \\ d_2 \end{matrix} = \frac{a \left[1 + \frac{4 f b^2}{l M g}\right] \left[x - \varphi (l + h)\right]}{l + h - a + \frac{h - a}{l} \cdot \frac{4 f b^2}{M g}} \pm b \quad \ldots\ldots \quad (3)$$

Nach dem Schwerpunktsatze ist nun aber:

$$2 (K_1 + K_2) \psi' + M \frac{d^2 x}{dt^2} = 0. \quad \ldots\ldots\ldots \quad (4)$$

und ferner ist

$$-2 K_1 d_1 - 2 K_2 d_2 + \Theta \frac{d^2 \varphi}{dt^2} = 0 \quad \ldots\ldots\ldots \quad (5)$$

welche Gleichungen sich auf die Form bringen lassen:

$$x - \varphi \left(a + \frac{b^2}{\frac{b^2}{l} + s}\right) + \frac{l + h - a + \frac{h - a}{l} \frac{b^2}{s}}{g \left(1 + \frac{b^2}{ls}\right)} \frac{d^2 x}{dt^2} = 0 \quad \ldots\ldots\ldots \quad (6)$$

und

$$-x + \varphi (l + h) + \frac{l + h - a + \frac{h - a}{l} \cdot \frac{b^2}{s}}{g \left\{a + \frac{b^2}{s} \left(1 + \frac{a}{l}\right)\right\}} k^2 \frac{d^2 \varphi}{dt^2} = 0 \quad \ldots\ldots\ldots \quad (7)$$

Hierin bedeuten:

$$s = \frac{M g}{4 f}$$

die Verlängerung der Tragfedern im Gleichgewichtszustande und

$$k^2 = \frac{\Theta}{M}$$

das Quadrat des mit Θ korrespondierenden Trägheitsradius der Masse.

b. Die Tragstange sei in O eingespannt (Figur 3).

Das Problem ist dem soeben besprochenen analog. Nur müssen als neue Bezeichnungen eingeführt werden die Verschiebung η_0 des Punktes P und der Winkel ψ_0, welchen die Tragstange in P mit der Vertikalen einschliesst. Es muss nun untersucht werden, wie die verschiedenen Teile des Pendels sich einstellen, wenn man

den Schwerpunkt der Masse um x aus der Gleichgewichtslage verschiebt und die Masse um den Winkel φ um eine Achse senkrecht zur $x\ z$ Ebene gedreht hat. Von allen Grössen, welche unendlich klein gegen die Verschiebungen sind, sei von vornherein abgesehen.

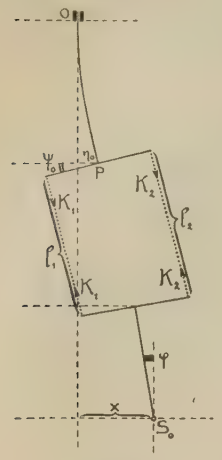


Fig. 3

Wir erhalten für die Federkräfte:

$$K_1 = \frac{Mg}{4} + fb\,(\varphi - \psi_0) \text{ und } K_2 = \frac{Mg}{4} - fb\,(\varphi - \psi_0) \quad . \quad . \quad . \quad . \quad (8)$$

und für die Senkrechten aus S_0 auf die Kräfte K_1 und K_2

$$\begin{matrix} d_1 \\ d_2 \end{matrix} = \frac{h\,a\,\varphi - a\,(x - \eta_0)}{h - a} \pm b \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (9)$$

Es sind jetzt die simultanen Bewegungsgleichungen,

$$2\,(K_1 + K_2)\,\frac{x - a\varphi - \eta_0}{h - a} + M\,\frac{d^2x}{dt^2} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (10)$$

und

$$2\,K_1\,d_1 + 2\,K_2\,d_2 + \Theta\,\frac{d^2\varphi}{dt^2} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (11)$$

Zur Ermittlung der Beziehungen zwischen x, φ einerseits und η_0, ψ_0 anderseits betrachten wir die Tragstange gesondert (Figur 4). Es wirken im Punkte P auf die Stange eine Kraft vertikal abwärts, unendlich wenig von Mg verschieden, eine horizontale Kraft

$$K_0 = 2\,(K_1 + K_2)\,\frac{x - a\varphi - \eta_0}{h - a} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (12)$$

und ein Drehmoment

$$M_0 = 2\,K_1\,b - 2\,K_2\,b = 4\,fb^2\,(\varphi - \psi_0) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (13)$$

das von den Federkräften herrührt.

Die Ablenkung eines Stabelementes im Abstande ξ vom Punkte O sei η. Sodann gilt nach der Elastizitätslehre die Gleichung:

$$K_0\,(l - \xi) - Mg\,(\eta_0 - \eta) + 4\,fb^2\,(\varphi - \psi_0) = IE\,\frac{d^2\eta}{d\xi^2} \quad . \quad . \quad . \quad . \quad (14)$$

wo I das axiale Trägheitsmoment des Stangenquerschnittes und E den Elastizitätsmodul des Stangenmaterials bedeuten. Die Lösung dieser Gleichung lässt sich schreiben in der Form:

$$\eta = P + Q\,\xi + R\,Sh\,(p\,\xi) + S\,Ch\,(p\,\xi) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (15)$$

wo

$$P = -\,\frac{K_0\,l - Mg\,\eta_0 + 4\,fb^2\,(\varphi - \psi_0)}{Mg},\quad Q = \frac{K_0}{Mg} \text{ und } p = \sqrt{\frac{Mg}{IE}} \quad . \quad . \quad (16)$$

ist.

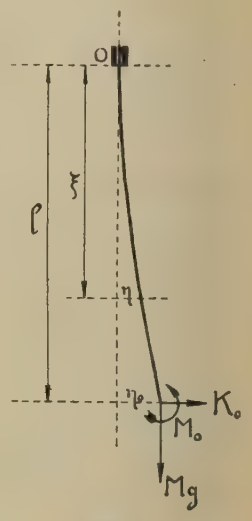


Fig. 4.

Die Konstanten R und S erhält man aus den Randbedingungen:

$$\left[\eta\right]_{\xi=0} = 0 \qquad \left[\frac{d\eta}{d\xi}\right]_{\xi=0} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (17)$$

und zwar findet man:

$$R = -\,\frac{K_0}{Mg}\sqrt{\frac{IE}{Mg}} \text{ und } S = \frac{K_0\,l - Mg\,\eta_0 + 4\,fb^2\,(\varphi - \psi_0)}{Mg} \quad . \quad . \quad . \quad (18)$$

Nun sind aber:

$$\left[\eta\right]_{\xi=l} = \eta_0 \qquad \left[\frac{d\eta}{d\xi}\right]_{\xi=l} = \psi_0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (19)$$

Diese Bedingungen liefern uns die Beziehungen:

$$-\,4\,fb^2\,(\varphi - \psi_0) - K_0\sqrt{\frac{IE}{Mg}}\,Sh\left(l\sqrt{\frac{Mg}{IE}}\right) + \left\{K_0\,l - Mg\,\eta_0 + 4\,fb^2\,(\varphi - \psi_0)\right\}\,Ch\left(l\sqrt{\frac{Mg}{IE}}\right) = 0 \quad (20)$$

und

$$\frac{K_0}{Mg} - \frac{K_0}{Mg}\,Ch\left(l\sqrt{\frac{Mg}{IE}}\right) + \frac{K_0\,l - Mg\,\eta_0 + 4\,fb^2\,(\varphi - \psi_0)}{Mg}\sqrt{\frac{Mg}{IE}}\,Sh\left(l\sqrt{\frac{Mg}{IE}}\right)\psi_0 \quad . \quad . \quad . \quad (21)$$

Weil man aber im praktischen Beispiele findet, dass

$$Ch\left(l\sqrt{\frac{Mg}{IE}}\right) \sim Sh\left(l\sqrt{\frac{Mg}{IE}}\right) = \textit{sehr gross} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (22)$$

können wir für unsren Fall die Beziehungen (20) und (21) ohne wesentliche Ungenauigkeit reduzieren auf:

$$4 f b^2 (\varphi - \psi_0) = Mg\, \eta_0 - K_0 \left(l - \sqrt{\frac{IE}{Mg}}\right) = Mg \sqrt{\frac{IE}{Mg}}\, \psi_0 - K_0 \sqrt{\frac{IE}{Mg}} \quad . \quad . \quad . \quad . \quad (23)$$

Hiemit sind die beiden Beziehungen zwischen den Grössen x, φ einerseits und η_0 ψ_0 anderseits hergestellt, auf welche wir abzielten. Wenn man nun die Grössen η_0 und ψ_0 eliminiert, wird man auf die endgültigen Bewegungsgleichungen geführt, welche die Form erhalten:

$$x - \varphi\left(a + \frac{b^2}{b^2 \sqrt{\frac{Mg}{IE}} + s}\right) + \frac{l + h - a - \sqrt{\frac{IE}{Mg}} - b^2 \sqrt{\frac{Mg}{IE}} + s}{g} \frac{d^2 x}{dt} = 0 \quad . \quad . \quad . \quad (24)$$

$$-x + \varphi\left(l + h - \sqrt{\frac{IE}{Mg}}\right) + \frac{l + h - a - \sqrt{\frac{IE}{Mg}} - b^2 \sqrt{\frac{Mg}{IE}} + s}{g\left(a + \frac{b^2}{b^2 \sqrt{\frac{Mg}{IE}} + s}\right)} k^2 \frac{d^2 \varphi}{dt^2} = 0 \quad . \quad . \quad (25)$$

Diese Gleichungen sind durchaus ähnlich den Gleichungen, welche wir unter der Annahme, dass die Tragstange in O frei beweglich sei, ableiteten. Bei der numerischen Auswertung zur Bestimmung der Perioden der Horizontalschwingung und der Schaukelung werden wir sie benutzen.

Die Bewegungen des Seismographenpendels in den zwei Koordinaten x und φ erscheinen gekoppelt, und es soll schon hier darauf hingewiesen werden, dass die betreffende Koppelung der beiden Freiheitsgrade die wichtigste ist. Denn wir sehen ja, dass bei dieser Konstruktion mit jeder Horizontalschwingung auch die Schaukelung angeregt wird und dass sie, wie später nachgerechnet werden soll, mit nicht unbedeutender Amplitude im Horizontalseismogramm nachweisbar sein muss.

V. Die Koppelung der Horizontalschwingung und der Torsionsschwingung.

Bei theoretisch fehlerloser Ausführung des Apparates wäre es ausgeschlossen, dass durch die Horizontalschwingungen Torsionsschwingungen bis zum Effekt erster Ordnung angeregt würden.

Wegen der Wichtigkeit der Koppelung verschiedener Freiheitsgrade für die Reinheit der Registrierung müssen wir aber genau zusehen, ob nicht kleine Konstruktionsfehler eine solche Koppelung veranlassen könnten. Man muss auch sehr beachten, dass ein Seismograph nicht zum Zwecke der Registrierung der freien Schwingungen des Instrumentes gebraucht wird, sondern dass die Schwingungen des Seismographenpendels erzwungen sind und daher, wenn irgendwelche Eigenschwingungen nicht gedämpft sein sollten, (wie in unsrem Falle die Torsionsschwingung und die Schaukelungen) Resonanzerscheinungen zu befürchten wären.

Eine mögliche Ursache für die unbeabsichtigte Erregung von Torsionsschwingungen ist eine Excentricität des Schwerpunktes der Masse. Später, wenn wir die Registriervorrichtung besprechen werden, wollen wir auf eine andere hinweisen. In diesem Abschnitte sei nur die excentrische Lage des Schwerpunktes berücksichtigt. Man kann sich nämlich denken, dass der Schwerpunkt infolge der grossen Starrheit der Tragstange und der Tragfedern nicht mit der Lotlinie durch den Aufhängepunkt zusammenfällt, sondern um eine kleine Länge e davon entfernt ist. Die betreffende Kontrollmessung bei der Montage zwingt uns, anzunehmen, dass dieses e von sehr geringer Grössenordnung sei.

Einfachheitshalber legen wir das Koordinatensystem durch den Lotpunkt so, dass der Schwerpunkt S_0 in der Ruhelage in die x Achse fällt (Figur 5). Für die Torsionsschwingung ist ja die Lage des Achsenkreuzes ohne jegliche Bedeutung. Es werde vorläufig von jeder dämpfenden Wirkung, auch auf die Horizontalschwingung abgesehen.

Der Punkt der Masse, welcher in der Ruhelage mit dem Lotpunkt zusammenfällt, sei um kleine Strecken x_1 und y_1 verschoben und die Masse um einen kleinen Winkel φ gedreht. Dann treten rücktreibende Kräfte und ein rücktreibendes Moment proportional zu diesen Ablenkungen auf.

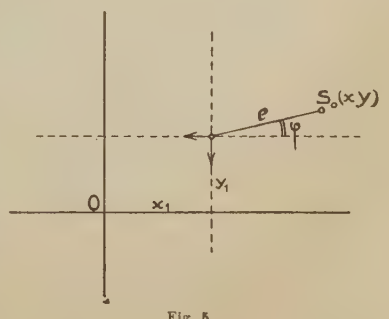


Fig. 5.

λ_1 λ_2 λ_3 sind die Proportionalitätsfaktoren. Diese Konstanten sind durch die Konstruktion bedingt.

Wenn x und y die Koordinaten des Schwerpunktes sind, erhält man die drei Bewegungsgleichungen:

$$\left.\begin{aligned} \lambda_1 x_1 + M\frac{d^2x}{dt^2} &= 0 \\ \lambda_2 y_1 + M\frac{d^2y}{dt^2} &= 0 \\ \lambda_3 \varphi + \lambda_1 x_1 e \sin\varphi - \lambda_2 y_1 e\cos\varphi + \Theta_t\frac{d^2\varphi}{dt^2} &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots \quad (1)$$

Es ist dabei Θ_t das Massenträgheitsmoment in Bezug auf eine Vertikale durch den Schwerpunkt.
Nun ist aber:

$$\left.\begin{aligned} x_1 &= x - e\cos\varphi \\ y_1 &= y - e\sin\varphi \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (2)$$

Also erhalten wir schliesslich, indem wir kleine Grössen zweiter Ordnung vernachlässigen:

$$\left.\begin{aligned} \lambda_1 x + M\frac{d^2x}{dt^2} &= \lambda_1 e \\ \lambda_2 y - \lambda_2 e\varphi + M\frac{d^2y}{dt^2} &= 0 \\ \lambda_3\varphi - \lambda_2 e y + \Theta_t\frac{d^2\varphi}{dt^2} &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (3)$$

Die erste der Gleichungen, welche von den anderen unabhängig ist, wollen wir beiseite lassen. Uns interessiert nur die Koppelung, welche zwischen den beiden letzteren besteht.

Wie später gezeigt wird, kann die gegenseitige Beeinflussung der Horizontal- und Torsionsschwingung nur sehr gering sein und vernachlässigt werden.

VI. Die Koppelung der Vertikalschwingung und der Schaukelung.

Wir beschränken uns auf zwei Tragfedern, damit sich ein ebenes Problem ergibt. Es werde jetzt angenommen, dass die Federkonstanten nicht genau dieselbe Grösse besitzen und alzo zwischen f_1 und f_2 zu unterscheiden sei (Figur 6).

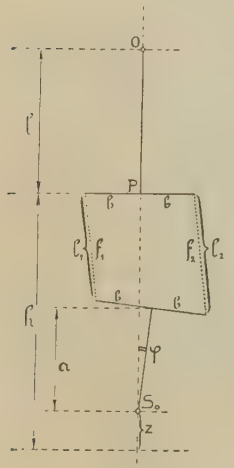


Fig. 6.

Wir nehmen ferner an, der Punkt P bleibe in Ruhe, was dem Grenzfall einer starren Tragstange entspricht. Diese Annahme ist nicht unvermeidlich, aber sie führt zu besserer Uebereinstimmung mit den Beobachtungen als diejenige einer nachgiebigen Tragstange, ausserdem vereinfacht sie die Rechnung. Um eine weitere Vereinfachung zu erzielen, soll auch die horizontale Bewegung des Schwerpunktes gegenüber den vertikalen vernachlässigt werden, was vielleicht weniger genau zutrifft.

Mit den Federkräften:

$$\left.\begin{aligned} K_1 &= \frac{Mg}{2} - f_1(z + b\varphi) \\ K_2 &= \frac{Mg}{2} - f_2(z - b\varphi) \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (1)$$

und den Abständen des Schwerpunktes von diesen Kräften:

$$\begin{aligned} d_1 &= b - \frac{h\,a\,\varphi}{h-a} \\ d_2 &= b + \frac{h\,a\,\varphi}{h-a} \end{aligned} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (2)$$

finden wir jetzt für die simultanen Bewegungsgleichungen:

$$\left.\begin{aligned} &\varphi\, b\,(f_1 - f_2) + z\,(f_1 + f_2) + M\frac{d^2z}{dt^2} = 0 \\ &\varphi\left[b^2(f_1+f_2) + Mg\frac{h\,a}{h-a}\right] + z\,b\,(f_1 - f_2) + \Theta\frac{d^2\varphi}{dt^2} = 0 \end{aligned}\right\} \quad \ldots\ldots\ldots \quad (3)$$

Der Exponentialansatz $\varphi = \Phi e^{\alpha t}$ und $z = Z e^{\alpha t}$ ergibt zur Bestimmung von α die charakteristische Gleichung

$$p + \alpha^2 q + \alpha^4 r = 0 \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (4)$$

wobei:

$$\left.\begin{aligned} p &= 4\,b^2 f_1 f_2 + (f_1 + f_2)\,Mg\,\frac{h\,a}{h-a} \\ q &= (f_1 + f_2)(\Theta + Mb^2) + M^2 g\,\frac{h\,a}{h-a} \\ r &= \Theta\,M \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (5)$$

Es ist:

$$\alpha = \pm i \sqrt{\frac{q \pm \sqrt{q^2 - 4\,p\,r}}{2\,r}} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (6)$$

Die vollständigen Lösungen der Gleichungen (3) sind:

$$\left.\begin{aligned} z &= Z_1 \cos \omega_1 t + Z_2 \sin \omega_1 t + Z_3 \cos \omega_2 t + Z_4 \sin \omega_2 t \\ \varphi &= \Phi_1 \cos \omega_1 t + \Phi_2 \sin \omega_1 t + \Phi_3 \cos \omega_2 t + \Phi_4 \sin \omega_2 t \end{aligned}\right\} \quad \ldots\ldots\ldots \quad (7)$$

und

wobei:

$$\begin{matrix}\omega_1 \\ \omega_2\end{matrix} = \sqrt{\frac{q \pm \sqrt{q^2 - 4\,pr}}{2\,r}} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (8)$$

Es sind aber noch die Anfangsbedingungen festzulegen, etwa

$$\left.\begin{aligned} \text{für } t = 0 \text{ sei } z &= 0 \quad z' = z_0' \\ \varphi &= 0 \quad \varphi' = \varphi_0' \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (9)$$

Damit wird die Zahl der Konstanten auf vier reduziert, und man erhält:

$$\left.\begin{aligned} z &= Z_1 \cos \omega_1 t + Z_2 \sin \omega_1 t - Z_1 \cos \omega_2 t + \frac{z_0' - Z_2\,\omega_1}{\omega_2} \sin \omega_2 t \\ \varphi &= \Phi_1 \cos \omega_1 t + \Phi_2 \sin \omega_1 t - \Phi_1 \cos \omega_2 t + \frac{\varphi_0' - \Phi_2\,\omega_1}{\omega_2} \sin \omega_2 t \end{aligned}\right\} \quad \ldots\ldots \quad (10)$$

Zur Einsetzung dieser Werte in die Gleichungen (3) brauchen wir die zweiten Ableitungen:

$$\left.\begin{aligned} z'' &= -Z_1\,\omega_1^2 \cos \omega_1 t - Z_2\,\omega_1^2 \sin \omega_1 t + Z_1\,\omega_2^2 \cos \omega_2 t - (z_0' - Z_2\,\omega_1)\,\omega_2 \sin \omega_2 t \\ \varphi'' &= -\Phi_1\,\omega_1^2 \cos \omega_1 t - \Phi_2\,\omega_1^2 \sin \omega_1 t + \Phi_1\,\omega_2^2 \cos \omega_2 t - (\varphi_0' - \Phi_2\,\omega_1)\,\omega_2 \sin \omega_2 t \end{aligned}\right\} \quad \ldots \quad (11)$$

und wenn wir etwa die erste der Gleichungen (3) wählen erhalten wir die Bedingung:

$$\left.\begin{aligned} &[\Phi_2\,b\,(f_1 - f_2) + Z_2\,(f_1 + f_2) - M\,Z_2\,\omega_1^2] \sin \omega_1 t + \\ &+ [\Phi_1\,b\,(f_1 - f_2) + Z_1\,(f_1 + f_2) - M\,Z_1\,\omega_1^2] \cos \omega_1 t + \\ &+ \left[\frac{\varphi_0' - \Phi_2\,\omega_1}{\omega_2}\,b\,(f_1 - f_2) + \frac{z_0' - Z_2\,\omega_1}{\omega_2}\,(f_1 + f_2) - (z_0' - Z_2\,\omega_1)\,\omega_2\,M\right] \sin \omega_2 t \\ &+ [-\Phi_1\,b\,(f_1 - f_2) - Z_1\,(f_1 + f_2) + M\,Z_1\,\omega_2^2] \cos \omega_2 t = 0 \end{aligned}\right\} \quad \ldots \quad (12)$$

Jeder Koeffizient der goniometrischen Funktionen muss deshalb einzeln verschwinden und wir erhalten zur Bestimmung der Konstanten $Z_1\ Z_2\ \Phi_1\ \Phi_2$ die vier Gleichungen:

$$\left.\begin{aligned} &\Phi_2\,b\,(f_1 - f_2) + Z_2\,(f_1 + f_2 - M\,\omega_1^2) = 0 \\ &\Phi_1\,b\,(f_1 - f_2) + Z_1\,(f_1 + f_2 - M\,\omega_1^2) = 0 \\ &\Phi_2\,\omega_1\,b\,(f_1 - f_2) + Z_2\,\omega_1\,(f_1 + f_2 - M\,\omega_2^2) = \varphi_0'\,b\,(f_1 - f_2) + z_0'\,(f_1 + f_2 - M\,\omega_2^2) \\ &\Phi_1\,b\,(f_1 - f_2) + Z_1\,(f_1 + f_2 - M\,\omega_2^2) = 0 \end{aligned}\right\} \quad \ldots \quad (13)$$

Aus der zweiten und vierten dieser Gleichungen folgt:

$$Z_1 = 0 \qquad \Phi_1 = 0 \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (14)$$

Es bleiben nur:

$$\left.\begin{aligned} Z_2 &= \frac{\varphi_0'\,b\,(f_1 - f_2) + z_0'\,(f_1 + f_2 - M\,\omega_2^2)}{M\,\omega_1\,(\omega_1^2 - \omega_2^2)} \\ \Phi_2 &= -\frac{\varphi_0'\,b\,(f_1 - f_2) + z_0'\,(f_1 + f_2 - M\,\omega_2^2)}{M\,\omega_1\,(\omega_1^2 - \omega_2^2)} \cdot \frac{(f_1 + f_2 - M\,\omega_1^2)}{b\,(f_1 - f_2)} \end{aligned}\right\} \quad \ldots\ldots \quad (15)$$

Wir wollen nun hier im besondern den Fall betrachten, dass die Schaukelung im Zeitmoment $t = 0$ nicht angeregt war, und zu dieser Zeit etwa ein vertikaler Erdstoss erfolgt. Es ist von Bedeutung, zu erfahren, wie sich die Schaukelung dabei verhält. Wir setzen also $\varphi_0' = 0$ und finden:

$$\left.\begin{aligned} Z_2 &= \frac{z_0'\,(f_1 + f_2 - M\,\omega_2^2)}{M\,\omega_1\,(\omega_1^2 - \omega_2^2)} \\ \Phi_2 &= -\frac{z_0'\,(f_1 + f_2 - M\,\omega_1^2)\,(f_1 + f_2 - M\,\omega_2^2)}{M\,b\,\omega_1\,(\omega_1^2 - \omega_2^2)\,(f_1 - f_2)} \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (16)$$

Dieses Resultat ist zu diskutieren.

Wir fanden:

$$\begin{matrix}\omega_1 \\ \omega_2\end{matrix} = \sqrt{\frac{q \pm \sqrt{q^2 - 4\,pr}}{2\,r}} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (8)$$

Die Diskriminante wird:

$$q^2 - 4pr = \left[(f_1 + f_2)(\Theta - Mb^2) - M^2 g \frac{ha}{h-a}\right]^2 + 4\Theta Mb^2 (f_1 - f_2)^2 \quad \ldots \quad (17)$$

Die aus zwei Quadraten zusammengesetzte Diskriminante ist immer positiv, wie zu erwarten war. Wenn f_1 und f_2 wenig von einander verschieden sind, können wir eine Vereinfachung erzielen. Wir setzen:

$$f_1 = f + \Delta f \qquad f_2 = f \quad \ldots \quad (18)$$

und schreiben:

$$\sqrt{q^2 - 4pr} = \sqrt{\left[(2f + \Delta f)(\Theta - Mb^2) - M^2 g \frac{ha}{h-a}\right]^2 + 4\Theta Mb^2 \Delta^2 f^2} \quad \ldots \quad (19)$$

Dies ist, weil Δ klein ist, gleich

$$(2f + \Delta f)(\Theta - Mb^2) - M^2 g \frac{ha}{h-a} + \frac{2\Theta Mb^2 \Delta^2 f^2}{(2f + \Delta f)(\Theta - Mb^2) - M^2 g \frac{ha}{h-a}}$$

$$= (2f + \Delta f)(\Theta - Mb^2) - M^2 g \frac{ha}{h-a} + \lambda \Delta^2 f^2 \quad \ldots \quad (20)$$

Daher ist:

$$q + \sqrt{q^2 - 4pr} = (4f + 2\Delta f)\Theta + \lambda \Delta^2 f^2 \quad \ldots \quad (21)$$

und

$$M\omega_1^2 = \frac{q + \sqrt{q^2 - 4pr}}{2\Theta} = 2f + \Delta f + K\Delta^2 f^2 \quad \ldots \quad (22)$$

wo $K = \frac{\lambda}{2\Theta}$ bedeutet.

Schliesslich ist:

$$f_1 + f_2 - M\omega_1^2 = 2f + \Delta f - M\omega_1^2 = K\Delta^2 f^2$$

also

$$\left.\begin{aligned} Z_2 &= \frac{z_0'(2f + \Delta f - M\omega_2^2)}{M\omega_1(\omega_1^2 - \omega_2^2)} \\ \Phi_2 &= -\frac{z_0'(2f + \Delta f - M\omega_2^2)}{Mb\omega_1(\omega_1^2 - \omega_2^2)} K\Delta f \end{aligned}\right\} \quad \ldots \quad (23)$$

Wir bemerken, dass wenn Δf klein ist, aber einen endlichen Betrag erreicht, beim vertikalen Erdstosse eine Schaukelung proportional diesem Δf einsetzt. Es lohnt sich, an dieser Stelle die Untersuchung allgemein noch etwas weiter zu führen, allgemein in dem Sinne, dass das Resultat sich auf jedes Paar gekoppelter Schwingungen übertragen lässt. Wir wollen den Fall

$$\omega_1 = \omega_2 = \omega \quad \ldots \quad (24)$$

besprechen. Er ist wichtig im Hinblick auf die Astatisierung des Seismographen. Sie kann bewirken, dass gerade dieser Fall eintritt.

$\omega_1 = \omega_2$ hat zur Folge $q^2 - 4pr = 0$. Mit Rücksicht auf (17) folgt, dass jedes der in der Diskriminante auftretenden Quadrate verschwindet, dass also:

$$f_1 = f_2 \quad \ldots \quad (25)$$

aber auch:

$$(f_1 + f_2)(\Theta - Mb^2) = M^2 g \frac{ha}{h-a}$$

oder

$$2f(\Theta - Mb^2) = M^2 g \frac{ha}{h-a} \quad \ldots \quad (26)$$

Aber es ist:

$$q = 2f(\Theta + Mb^2) + M^2 g \frac{ha}{h-a}$$

also folgt:

$$q = 4f\Theta \quad \ldots \quad (27)$$

und

$$\omega_1 = \omega_2 = \omega = \sqrt{\frac{2f}{M}} \quad \ldots \quad (28)$$

Das letzte Glied dieser Identität stellt bekanntlich die Periode der reinen Vertikalschwingung dar, (28) würde also aussagen, dass die Perioden der reinen Vertikalschwingung und der reinen Schaukelung gleich gross wären. Es ist klar, dass dieser Fall bei Regulierung der Vertikalperiode mit Hilfe einer besonderen Astatisierung eintreten kann. Es gilt also, diesen Fall sorgfältig zu untersuchen.

Wir nehmen wiederum einen Grenzübergang vor und schreiben wie vorhin

$$f_1 = f + \Delta f \qquad f_2 = f \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (28)$$

Daher wird:

$$q = (2f + \Delta f)\,(\Theta + Mb^2) + M^2 g \frac{ha}{h - a} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (29)$$

oder

$$q = 4f\Theta + (\Theta + Mb^2)\,\Delta f \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (30)$$

Weiter finden wir jetzt anstatt (20):

$$\sqrt{q^2 - 4pr} = (\Theta + Mb^2)\,\Delta f$$

also:

$$\left.\begin{aligned} q + \sqrt{q^2 - 4pr} &= 4f\Theta + 2(\Theta + Mb^2)\,\Delta f \\ q - \sqrt{q^2 - 4pr} &= 4f\Theta \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (31)$$

Es ist daher:

$$\left.\begin{aligned} \omega_1^2 &= \frac{2f}{M} + \frac{\Theta + Mb^2}{\Theta M}\,\Delta f \text{ oder } \omega_1 = \omega + \frac{\Theta + Mb^2}{4f\Theta}\,\Delta f \\ \text{und} \\ \omega_2^2 &= \frac{2f}{M} \qquad\qquad \text{oder } \omega_2 = \omega \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (32)$$

unter Vernachlässigung von kleinen Grössen zweiter Ordnung.

Schliesslich ist:

$$\omega_1^2 - \omega_2^2 = \frac{\Theta + Mb^2}{\Theta M}\,\Delta f \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (33)$$

Uebrigens gilt:

$$f_1 + f_2 - M\omega_1^2 = 2f + \Delta f - 2f - \frac{\Theta + Mb^2}{\Theta M}\,\Delta f = -\frac{b^2}{k^2}\,\Delta f \quad . \quad . \quad . \quad . \quad . \quad . \quad (34)$$

und

$$f_1 + f_2 - M\omega_2^2 = 2f + \Delta f - 2f \qquad\qquad = \Delta f \quad . \quad . \quad . \quad . \quad . \quad . \quad (35)$$

wenn wiederum

$$\Theta = Mk^2 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (36)$$

gesetzt wird.

Daher finden wir aus (16):

$$Z_2 = \frac{k^2}{k^2 + b^2} \cdot \frac{z_0'}{\omega} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (37)$$

und dementsprechend:

$$\Phi_2 = \frac{b^2}{k^2 + b^2} \cdot \frac{z_0'}{b\omega} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (38)$$

Es ist leicht, auch in diesem Falle die Art der resultierenden Schwingungen zu studieren. Wir erhalten mit Rücksicht auf (14) die Bewegungsgleichungen:

$$\left.\begin{aligned} z &= Z_2 \sin \omega_1 t + \frac{z_0' - Z_2\omega_1}{\omega_2} \sin \omega_2 t \\ \varphi &= \Phi_2 \sin \omega_1 t - \Phi_2 \frac{\omega_1}{\omega_2} \sin \omega t \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (39)$$

welche schliesslich übergehen in:

$$\left.\begin{aligned} z &= \frac{z_0'}{\omega} \sin \omega t + \frac{k^2}{k^2 + b^2} \cdot \frac{z_0'}{\omega} \left\{ \sin\left(\omega + \frac{\Theta + Mb^2}{4f\Theta}\,\Delta f\right) t - \sin \omega t \right\} \\ \varphi &= \frac{b^2}{k^2 + b^2} \cdot \frac{z_0'}{b\omega} \left\{ \sin\left(\omega + \frac{\Theta + Mb^2}{4f\Theta}\,\Delta f\right) t - \sin \omega t \right\} \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad (40)$$

Diese Gleichungen bilden den Ausdruck für die bekannte Erscheinung der Schwebungen. Es übernimmt die Schaukelung periodisch einen Teil der Energie der Eigenschwingung des Apparates in vertikaler Richtung.

Ueber das tatsächliche Auftreten dieser Erscheinung werden wir weiter unten (XX) bei der Behandlung der Astatisierung und ihrer Eigentümlichkeiten sprechen.

Weil aber die erzwungenen Schwingungen gegenüber den Eigenschwingungen eines Seismographen im Betriebe weitaus wichtiger sind, wollen wir jetzt zu diesen übergehen.

VII. Gekoppelte Schwingungen in zwei Freiheitsgraden, wenn die Bewegungen gedämpft sind.

Zwei Abschnitte allgemeiner Art mögen hier eingeschoben werden. In den vorhergehenden betrachteten wir die Koppelungen, welche zwischen den Bewegungen der Masse in verschiedenen Freiheitsgraden auftreten, ohne auf irgendwelche Astatisierungs- und Registrier-Vorrichtungen Rücksicht zu nehmen. Auch sahen wir von jeder Dämpfung ab. Die Paare simultaner Gleichungen, auf welche wir stiessen, haben alle die Form:

$$\left.\begin{aligned} a_1 y + b_1 x + d_1 x'' &= 0 \\ a_2 x + b_2 y + d_2 y'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (1)$$

bei welcher man von einer Kraftkoppelung spricht. Die vollständige Lösung eines solchen Paares bietet, wie wir an einem Beispiele schon zeigten, nicht die geringste Schwierigkeit. Berücksichtigen wir nun die Tatsache, dass vielleicht beide Bewegungen eine absichtliche oder unabsichtliche Dämpfung erfahren, welche wir proportional der Geschwindigkeit der Bewegung in der jeweiligen Koordinate ansetzen wollen, so erhalten wir die Gleichungen:

$$\left.\begin{aligned} a_1 y + b_1 x + c_1 x' + d_1 x'' &= 0 \\ a_2 x + b_2 y + c_2 y' + d_2 y'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (2)$$

Die vollständige Lösung eines solchen Paares ist in der Literatur mehrfach behandelt.[1]) Wir schreiben die Gleichungen symbolisch:

$$\left.\begin{aligned} a_1 y + (b_1 + c_1 D + d_1 D^2)\, x &= 0 \\ a_2 x + (b_2 + c_2 D + d_2 D^2)\, y &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots \quad (3)$$

Die Elimination von y ergibt für x die Gleichung:

$$(b_1 b_2 - a_1 a_2)\, x + (b_2 c_1 + b_1 c_2)\, x' + (b_2 d_1 + b_1 d_2 + c_1 c_2)\, x'' + (c_1 d_2 + c_2 d_1)\, x''' + d_1 d_2\, x'''' = 0 \quad \ldots \quad (4)$$

und eine analoge für y. Die Lösungen sind Summen von vier Exponentialfunktionen, von der Form:

$$C e^{\alpha t} \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots \quad (5)$$

wo α eine der vier Wurzeln der charakteristischen Gleichung ist, welche wir schreiben wollen:

$$p + q\alpha + r\alpha^2 + s\alpha^3 + t\alpha^4 = 0 \quad \ldots\ldots\ldots\ldots\ldots \quad (6)$$

Wir wollen nun speziell an Hand dieser Ableitung zeigen, dass auch im Falle, wo eine der beiden Gleichungen (1) kein Dämpfungsglied aufweist, die Bewegung in der entsprechenden Koordinate dennoch gedämpft ist.

Wenn eine der Hauptschwingungen, (welche zwei verschiedene Perioden aufweisen) ungedämpft sein sollte, äussert sich dies darin, dass unter den konjugiert komplexen Wurzeln α ein Paar rein imaginäre, auftritt. Also wäre auch die Gleichung

$$p - q\alpha + r\alpha^2 - s\alpha^3 + t\alpha^4 = 0 \quad \ldots\ldots\ldots\ldots\ldots \quad (7)$$

erfüllt, und daher auch die folgenden:

$$q + s\alpha^2 = 0 \qquad \text{und} \qquad p + r\alpha^2 + t\alpha^4 = 0 \quad \ldots\ldots\ldots\ldots \quad (8)$$

Die Bedingung dafür lautet:

$$\frac{r \pm \sqrt{r^2 - 4pt}}{2t} = \frac{q}{s} \quad \ldots\ldots\ldots\ldots\ldots \quad (9)$$

oder:

$$\frac{b_1 c_2 + b_2 c_1}{d_1 c_2 + d_2 c_1} = \frac{(b_1 d_2 + b_2 d_1 + c_1 c_2) \pm \sqrt{(b_2 d_1 - b_1 d_2 + c_1 c_2)^2 + 4\,(a_1 a_2 d_1 d_2 + b_1 d_2 c_1 c_2)}}{2 d_1 d_2}$$

Wenn einer der Dämpfungskoeffizienten c_1 oder c_2 verschwindet, lautet die Bedingung zunächst:

$$\frac{b_1 c_2 + b_2 c_1}{d_1 c_2 + d_2 c_1} = \frac{b_1 d_2 + b_2 d_1 \pm \sqrt{(b_2 d_1 - b_1 d_2)^2 + 4 a_1 a_2 d_1 d_2}}{2 d_1 d_2}$$

In den beiden Fällen aber, wo $c_1 = 0$ oder $c_2 = 0$ ist, kann man dieser Bedingung die Form geben:

$$b_2 d_1 - b_1 d_2 = \sqrt{(b_2 d_1 - b_1 d_2)^2 + 4 a_1 a_2 d_1 d_2} \quad \ldots\ldots\ldots\ldots \quad (10)$$

und da $d_1 \neq 0$, $d_2 \neq 0$ vorausgesetzt werden muss, ist sie nur erfüllt, wenn entweder

$$a_1 = 0 \qquad \text{oder } a_2 = 0 \quad \ldots\ldots\ldots\ldots\ldots \quad (11)$$

ist, also wenn keine Koppelung der Freiheitsgrade existiert, was wir ja gerade ausschliessen.

[1]) Vergl. z. B. F. Kiebitz: Vollständige Lösung der Differentialgleichungen, u. s. w. Annalen der Physik 40 (1913).

Um zu keiner vorzeitigen Kritik Anlass zu geben, scheint es mir angezeigt zu betonen, *dass Energie, welche durch eine Koppelung von einem Freiheitsgrade auf den anderen übertragen werden kann, sich nicht dauernd in den ungedämpften Freiheitsgrad retten kann*, sondern sich immer wieder durch die Koppelung zerstreut.

VIII. Gekoppelte Schwingungen in zwei Freiheitsgraden, wenn eine der Bewegungen erzwungen ist.

Bis jetzt betrachteten wir ausschliesslich die Eigenschwingungen des Apparates. Nunmehr sollen erzwungene Schwingungen untersucht werden und zwar in der folgenden für die Praxis wichtigen Form.

Es möge die Schwingung in einem Freiheitsgrade erzwungen harmonisch sein. Die Bewegungen seien gedämpft. Die simultanen Gleichungen lauten jetzt:

$$\left.\begin{aligned} a_1 y + b_1 x + c_1 x' + d_1 x'' &= A \sin \omega t \\ a_2 x + b_2 y + c_2 y' + d_2 y'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (1)$$

Diesen Fall findet man ausführlich diskutiert bei M. Wien. [1]) Die allgemeine Lösung dieses Gleichungspaares enthält zunächst die allgemeine Lösung der homogenen Gleichungen:

$$\left.\begin{aligned} a_1 y + b_1 x + c_1 x' + d_1 x'' &= 0 \\ a_2 x + b_2 y + c_2 y' + d_2 y'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (2)$$

welche aber für uns jetzt nicht wichtig ist. Wir wollen dagegen kurz die Eigenarten der besonderen Lösung betrachten, welche von dem goniometrischen Gliede der ersten Gleichung herrührt.

Mit dem Ansatze:

$$x = P \sin (\omega t + \gamma) \text{ und } y = Q \sin (\omega t + \delta) \quad \ldots\ldots\ldots\ldots \quad (3)$$

gehen die beiden Gleichungen über in:

$$\begin{aligned} &\sin (\omega t + \delta) [a_1 Q \cos (\gamma - \delta) + b_1 P - d_1 \omega^2 P] + \\ &+ \cos (\omega t + \delta) [a_1 Q \sin (\gamma - \delta) + c_1 \omega P] = A \sin \omega t \end{aligned} \quad \ldots\ldots\ldots \quad (4)$$

und

$$\begin{aligned} &\sin (\omega t + \gamma) [b_2 Q + a_2 P \cos (\gamma - \delta) - d_2 \omega^2 Q] + \\ &+ \cos (\omega t + \gamma) [- a_2 P \sin (\gamma - \delta) + c_2 \omega Q] = 0 \end{aligned} \quad \ldots\ldots\ldots\ldots \quad (5)$$

Es lauten daher die vier Gleichungen zur Bestimmung der Konstanten:

$$\left.\begin{aligned} a_1 Q \cos (\gamma - \delta) + (b_1 - d_1 \omega^2) P &= A \cos \delta \\ a_1 Q \sin (\gamma - \delta) + c_1 \omega P &= - A \sin \delta \\ (b_2 - d_2 \omega^2) Q - a_2 P \cos (\gamma - \delta) &= 0 \\ c_2 \omega Q - a_2 P \sin (\gamma - \delta) &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (6)$$

Man findet:

$$tg (\gamma - \delta) = \frac{- c_2 \omega}{(b_2 - d_2 \omega^2)}$$

und damit:

$$\cos (\gamma - \delta) = \frac{b_2 - d_2 \omega^2}{\sqrt{(b_2 - d_2 \omega^2)^2 + c_2^2 \omega^2}}, \quad \sin (\gamma - \delta) = \frac{- c_2 \omega}{\sqrt{(b_2 - d_2 \omega^2)^2 + c_2^2 \omega^2}} \quad \ldots\ldots \quad (7)$$

Weiter auch:

$$Q = \frac{- a_2}{\sqrt{(b_2 - d_2 \omega^2)^2 + c_2^2 \omega^2}} P \quad \ldots\ldots\ldots\ldots \quad (8)$$

und

$$[a_1 Q \cos (\gamma - \delta) + (b_1 - d_1 \omega^2) P]^2 + [a_1 Q \sin (\gamma - \delta) + c_1 \omega P]^2 = A^2 \quad \ldots\ldots \quad (9)$$

also:

$$P^2 \left[\left\{ - a_1 a_2 \frac{(b_2 - d_2 \omega^2)}{(b_2 - d_2 \omega^2)^2 + c_2^2 \omega^2} + (b_1 - d_1 \omega^2) \right\}^2 + \left\{ a_1 a_2 \frac{c_2 \omega}{(b_2 - d_2 \omega^2)^2 + c_2^2 \omega^2} + c_1 \omega \right\}^2 \right] = A^2 \quad \ldots \quad (10)$$

Damit sind P und Q bestimmt.

Für unsren Zweck genügt es, den Fall zu betrachten, wo $c_2 = 0$ ist, womit eine bedeutende Vereinfachung erzielt wird. Dies entspricht den drei Fällen der Koppelung, welche wir in den Abschnitten III, IV und V behandelten, denn in der wirklichen Ausführung und im Betriebe des Seismographen sind die Horizontal- und Vertikalschwingung gedämpft, die Schaukelung und die Torsionsschwingung dagegen nicht, wenn wir von geringer unabsichtlicher, aber immer vorhandener Dämpfung absehen.

Wir erhalten nunmehr aus (8) und (10):

[1]) M. Wien: Ueber die Rückwirkung eines resonierenden Systems. Ann. der Phys. und der Chem. **61** 1897.

$$\left.\begin{aligned} P &= \sqrt{\frac{b_2 - d_2\,\omega^2}{\{-a_1 a_2 + (b_1 - d_1\,\omega^2)(b_2 - d_2\,\omega^2)\}^2 + c_1^2\,\omega^2\,(b_2 - d_2\,\omega^2)^2}} \cdot A \\ Q &= \sqrt{\frac{-a_2}{\{-a_1 a_2 + (b_1 - d_1\,\omega^2)(b^2 - d_2\,\omega^2)\}^2 + c_1^2\,\omega^2\,(b_2 - d_2\,\omega^2)^2}} \cdot A \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad (11)$$

Es können, wie man sofort ersieht, weder P noch Q bei irgend einer Periode ω der störenden Kraft über alles Maass wachsen, weil die Summe der beiden Quadrate unter dem Wurzelzeichen des Nenners nicht verschwinden kann. Immerhin muss auf einen Punkt besonders aufmerksam gemacht werden. Wenn die Periode der Störung identisch ist mit der Periode der freien Schwingung des ungedämpften Freiheitsgrades, wenn also

$$b_2 - d_2\,\omega^2 = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (12)$$

ist, wird

$$P = 0 \quad \text{neben} \quad Q = \frac{A}{a_1} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (13)$$

d. h. es ist folgender Zustand möglich.

Im sekundären Freiheitsgrade besteht eine solche Schwingung, dass der Freiheitsgrad, auf den die äussere Kraft wirkt, keine Auslenkungen zeigt. Dieses eigentümliche Verhalten wurde in der Tat, wie Wien angibt, durch Versuche mit erzwungen schwingenden gekoppelten Metallsaiten bestätigt. Für unsren Seismographen würde das folgendes bedeuten. Wenn eine harmonische Bodenbewegung eintritt von der Periode der Schaukelung, so wird nach Eintritt des stationären Zustandes die Horizontalkomponente des Instrumentes nichts aufzeichnen. Praktisch wird der Fall, wegen der Inhomogenität der Bodenschwingungen, wohl kaum in Frage kommen, aber die Theorie fordert seine Berücksichtigung.

Wichtig ist zu bemerken, dass mit (12) nicht korrespondiert das Minimum der Funktion:

$$f(\omega^2) = \{-a_1 a_2 + (b_1 - d_1\,\omega^2)(b_2 - d_2\,\omega^2)\}^2 + c_1^2\,\omega^2\,(b_2 - d_2\,\omega)^2 \quad . \quad . \quad . \quad . \quad . \quad . \quad (14)$$

Also gibt es sogar Werte von ω, für welche

$$Q > \frac{A}{a_1}$$

und daher im Falle schwacher Koppelung sehr gross wird.

Wo also eine genügende Dämpfung von vornherein jede Resonanzerscheinung der Hauptschwingung ausschliesst kann sie nicht verhindern, dass es für die ungedämpfte Nebenschwingung eine Stelle und zwar dem Wesen der Sache gemäss nur eine Stelle gibt, wo bedeutende Resonanz auftritt. Wenn die Koppelung schwach ist, liegt die Resonanzperiode selbstverständlich sehr nahe bei der Periode der Eigenschwingung des ungedämpften Freiheitsgrades und dürfte in den von uns betrachteten Fällen damit zusammen fallen.

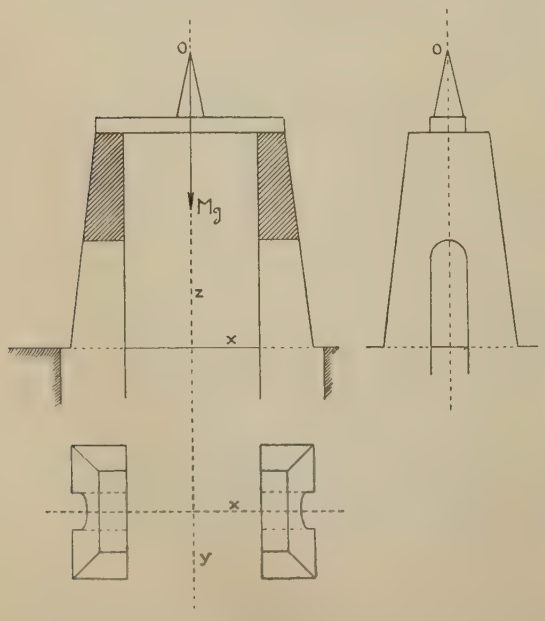


Fig. 7.

IX. Das Schema des Betongerüstes.

Das Betongerüst besteht aus zwei Pfeilern von der Form einer abgestumpften Pyramide von rechteckigem Querschnitte (Figur 7). Diese Pfeiler sind mit einem schweren Betonklotze im Boden fest verbunden und können daher unten für eingespannt gelten. Zwei Oeffnungen, welche den Zutritt an die Pendel-Masse von der Seite her gestatten, bedeuten eine Schwächung der Pfeiler. Ueber den Pfeilern ist ein Doppelträger gelagert. Auf diesem steht festverschraubt ein pyramidenförmiges Eisengerüst, an dem im oberen Punkte O das Seismographenpendel angehängt ist. Auf geringe Abweichungen der Konstruktion von diesem Schema brauchen wir hier nicht weiter einzugehen. Auch von den Schwingungen, welche die Masse in der Richtung der z Achse auf Rechnung der elastischen Durchbiegung des Doppelbalkens ausführen kann, wollen wir vollständig absehen. Diese Schwingung gibt eine ganz unbedeutende Verlangsamung der Vertikalschwingung, welche die Masse unter dem Einflusse der Tragfedern ausführt. Sie kann unter keinen Umständen störend auf den Betrieb wirken. Wichtiger erscheinen die Biegungsschwingungen der Betonpfeiler. Eine Untersuchung derselben ist unerlässlich.

Wir können uns auf die Schwingungen in der x, z Ebene beschränken. Sie haben die längste Periode und sind daher am gefährlichsten.

X. Die Eigenschwingungen des Betongerüstes.

Wir wollen einen Betonpfeiler betrachten, ihn als eingespannten Stab mit veränderlichem Querschnitte behandeln und vorläufig von der Druckbelastung der Masse absehen (Figur 8). Auch das Loch in dem Pfeiler wollen wir einstweilen unberücksichtigt lassen. Die Höhe des Pfeilers sei h, Länge und Breite unten und oben $l_1 b_1$ bezw. $l_2 b_2$, Länge und Breite eines Stabelementes im Abstande z vom Boden seien l und b, die Ablenkung des Mittelpunktes eines solchen Elementes x. Der kleine Trägheitswiderstand gegen Drehung wird einfachheitshalber vernachlässigt. Wenn S und M Schubkraft und Biegungsmoment in einem Stabquerschnitte darstellen, so gibt die Elastizitätstheorie die Gleichungen:

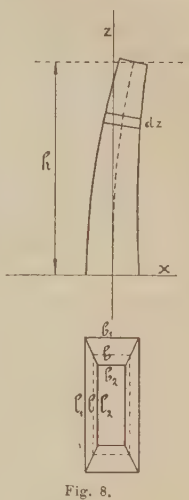


Fig. 8.

$$\frac{\partial S}{\partial x} + \rho\, b\, l\, \frac{\partial^2 x}{\partial t^2} = 0 \qquad M = IE\frac{\partial^2 x}{\partial z^2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (1)$$

Es sind dabei ρ und E das spezifische Gewicht und der Elastizitätsmodul des Betons und

$$I = \tfrac{1}{12}\, l b^3.$$

Nun ist:

$$S = \frac{\partial M}{\partial z} = IE\,\frac{\partial^3 x}{\partial z^3} + E\,\frac{\partial I}{\partial z}\cdot\frac{\partial^2 x}{\partial z^2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (2)$$

und

$$\frac{\partial S}{\partial z} = IE\,\frac{\partial^4 x}{\partial z^4} + 2\,E\,\frac{\partial I}{\partial z}\cdot\frac{\partial^3 x}{\partial z^3} + E\,\frac{\partial^2 I}{\partial z^2}\cdot\frac{\partial^2 x}{\partial z^2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (3)$$

oder damit:

$$\frac{E}{\rho}\left[I\,\frac{\partial^4 x}{\partial z^4} + 2\,\frac{\partial I}{\partial z}\cdot\frac{\partial^3 x}{\partial z^3} + \frac{\partial^2 I}{\partial z^2}\cdot\frac{\partial^2 x}{\partial z^2}\right] + b\,l\,\frac{\partial^2 x}{\partial t^2} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (4)$$

$\frac{E}{\rho}$ hat eine sehr einfache Bedeutung. Es ist das Quadrat der Geschwindigkeit, mit der sich Kompressionen im Stab fortpflanzen. Wir bezeichnen sie mit a.

Um nicht in zu grosse Komplikationen zu geraten, wollen wir annehmen, dass das Verhältnis b/l konstant ist und schreiben:

$$\frac{b}{l} = \lambda = \frac{b_1 - b_2}{l_1 - l_2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (5)$$

Machen wir schliesslich den bekannten Ansatz:

$$x = U \,.\, Z \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (6)$$

wo U nur eine Funktion von t, Z nur eine solche von z sein soll, so bekommen wir

$$\frac{\frac{1}{12}\,b^2\,\frac{\partial^4 Z}{\partial z^4} + \frac{2}{3}\,b\left\{\frac{b_2 - b_1}{h}\right\}\frac{\partial^3 Z}{\partial z^3} + \left\{\frac{b_2 - b_1}{h}\right\}^2\frac{\partial^2 Z}{\partial z^2}}{Z} = -\frac{1}{a^2}\,\frac{\frac{\partial^2 U}{\partial t^2}}{U} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (7)$$

Wir bemerken, da jeder Bruch nur eine der Variabeln enthält, dass beide Seiten dieser Gleichung gleich einer und derselben Konstanten sein müssen. Da die Bewegung periodisch verläuft, ist die Konstante positiv, sagen wir k^2. Denn es folgt daraus:

$$\frac{d^2 U}{d t^2} + a^2 k^2 U = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (8)$$

also

$$U = A_1\, cos\,(a\,k\,t) + A_2\, sin\,(a\,k\,t) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (9)$$

Weiter bleibt zu lösen die Gleichung:

$$\frac{1}{12}\,b^2\,\frac{\partial^4 Z}{\partial z^4} + \frac{2}{3}\,b\left\{\frac{b_2 - b}{h}\right\}\frac{\partial^3 Z}{\partial z^3} + \left\{\frac{b_2 - b_1}{h}\right\}^2\frac{\partial^2 Z}{\partial z^2} - k^2 Z = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (10)$$

Wir führen die Grössen ein:

$$p = \frac{1}{12}\,b_1^2 \qquad q = -\frac{1}{6}\,\frac{b_1\,(b_1 - b_2)}{h} \qquad r = \frac{1}{12}\left\{\frac{b_1 - b_2}{h}\right\}^2 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (11)$$

und bemerken, dass die partiellen durch totale Ableitungen ersetzt werden können.

Es wird:

$$(p + qz + rz^2)\frac{d^4Z}{dz^4} + (4q + 8rz)\frac{d^3Z}{dz^3} + 12r\frac{d^2Z}{dz^2} - k^2Z = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (12)$$

Die Lösung dieser Gleichung mit Hilfe einer Reihenentwicklung erscheint von vornherein für die praktische Anwendung zu kompliziert. Mit dem Laplaceschen Ansatze des bestimmten Integrales:

$$Z = \int_a^b e^{tz}\, T\, dt \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (13)$$

wird man auf komplexe Integrationen geführt. Es handelt sich aber hier um die Frage nach der Grössenordnung der Schwingungsperiode. Denn die Ungewissheit darüber, wie stark das Fundament mitschwingt, verbietet ihre genaue Berechnung.

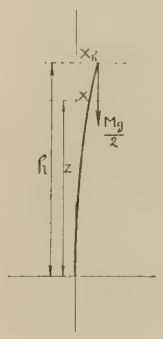


Fig 9.

Wir wollen deshalb vereinfachende Annahmen machen, um uns darüber zu orientieren. Wir werden von jeder Veränderlichkeit des Querschnittes des Betonpfeilers mit der Höhe absehen und diesen somit als prismatischen eingespannten Stab betrachten. Bei dieser Vereinfachung der Aufgabe können wir aber leicht den Einfluss des vertikalen Druckes der Masse auf den Pfeiler mit berücksichtigen. Es werde aber wiederum von jedem Trägheitswiderstande gegen Drehung abgesehen, was erlaubt sein dürfte, weiter wollen wir den Druck der Masse in erster Annäherung als konstante, vertikal gerichtete Kraft $= \frac{Mg}{2}$ für jeden Pfeiler rechnen, was bei dem geringen Einfluss, welchen diese Kraft auf die Schwingungsart ausübt, ebenfalls gestattet sein wird.

Es sei F der Stabquerschnitt, I sein axiales Trägheitsmoment. Wenn wir das Biegungsmoment, welches von den Trägheitskräften aller Stabelemente im Punkte z des Stabes ausgeübt wird, M_1 nennen und die übrigen Bezeichnungen beibehalten, dürfen wir schreiben:

$$S = \frac{\partial M_1}{\partial z} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (14)$$

Nach dem d'Alembertschen Prinzip ist jetzt

$$M_1 + \frac{1}{2}Mg\,(x_h - x) = IE\frac{\partial^2 x}{\partial z^2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (15)$$

wo x_h die Ablenkung des Stabendes darstellt. Wir erhalten nunmehr, weil I eine Konstante ist:

$$\frac{\partial M_1}{\partial z} = IE\frac{\partial^3 x}{\partial z^3} + \frac{1}{2}Mg\frac{\partial x}{\partial z} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (16)$$

Es ist aber immer:

$$\frac{\partial S}{\partial z} + \rho F\frac{\partial^2 x}{\partial t^2} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (17)$$

und daher:

$$IE\frac{\partial^4 x}{\partial z^4} + \frac{1}{2}Mg\frac{\partial^2 x}{\partial z^2} + \rho F\frac{\partial^2 x}{\partial t^2} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (18)$$

Mit dem Ansatze (6) und der Beziehung $I = k^2 F$ erhalten wir jetzt:

$$\frac{k^2\frac{\partial^4 Z}{\partial z^4} + \frac{\frac{1}{2}Mg}{a^2\rho F}\frac{\partial^2 Z}{\partial z^2}}{Z} = -\frac{1}{a^2}\frac{\frac{\partial^2 U}{\partial t^2}}{U} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (19)$$

Wir folgern wiederum, dass die beiden Brüche gleich einer und derselben positiven Konstanten sein müssen, sagen wir λ^2. Es ist also:

$$\frac{d^2U}{dt^2} + a^2\lambda^2 U = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (20)$$

oder

$$U = A_1\cos(a\lambda t) + A_2\sin(a\lambda t) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (21)$$

und es bleibt die Lösung der Gleichung

$$k^2\frac{d^4Z}{dz^4} + \frac{1}{2}\frac{Mg}{a^2\rho F}\frac{d^2Z}{dz^2} - \lambda^2 Z = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (22)$$

durchzuführen. Die Lösung bietet sich in der Form:

$$Z = Z_0 e^{pz} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (23)$$

wo p eine der vier Wurzeln der charakteristischen Gleichung

$$k^2p^4 + \frac{Mg}{2a^2\rho F}p^2 - \lambda^2 = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (24)$$

ist. Wir finden:

$$Z = Z_0 e^{p_1 z} + Z_1 e^{-p_1 z} + Z_2\cos p_2 z + Z_3\sin p_2 z \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (25)$$

wo

$$\begin{matrix} p_1 \\ p_2 \end{matrix} = \sqrt{\mp \frac{M g}{2 a^2 \rho F} + \sqrt{\frac{M^2 g^2}{4 a^4 \rho^2 F^2} + 4 k^2 \lambda^2}} \Big/ 2 k^2 \quad \ldots \ldots \ldots \ldots \quad (26)$$

Zur Bestimmung der vier Integrationskonstanten ergibt sich aus der Einspannung bei $z = 0$:

$$\left[Z\right]_{z=0} = 0 \qquad \left[\frac{dZ}{dz}\right]_{z=0} = 0 \quad \ldots \ldots \ldots \ldots \ldots \quad (27)$$

Ferner sind Biegungsmoment und Schubkraft am Stabende gleich Null, woraus folgt:

$$\left[\frac{d^2 Z}{dz^2}\right]_{z=h} = 0 \qquad I E \left[\frac{d^3 Z}{dz^3}\right]_{z=h} + \frac{1}{2} M g \left[\frac{dZ}{dz}\right]_{z=h} = 0 \quad \ldots \ldots \ldots \quad (28)$$

Freilich handelt es sich in Wirklichkeit nicht um freibewegliche Stabenden, sondern um einen Rahmenverband. Erstens ist aber die Verbindung der Betonpfeiler mit dem Tragbalken nicht dermaassen starr, dass man nicht mit annähernd freien Stabenden rechnen könnte, zweitens wird die Schwingungsdauer des Gestelles durch diese Verbindung weiter herabgedrückt, also ungefährlicher.

Wenn wir weiter die Konstante

$$\alpha = \frac{\frac{1}{2} M g}{I E} \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (29)$$

einführen, erhalten wir die Gleichung zur Bestimmung der Periode der Schwingung oder des λ in der Form der Determinante:

$$0 = \begin{vmatrix} 1 & 1 & 1 & 0 \\ p_1 & -p_1 & 0 & p_2 \\ p_1^2 e^{p_1 h} & p_1^2 e^{-p_1 h} & -p_2^2 \cos p_2 h & -p_2^2 \sin p_2 h \\ (p_1^3 + p_1 \alpha) e^{p_1 h} & -(p_1^3 + p_1 \alpha) e^{-p_1 h} & (p_2^3 - p_2 \alpha) \sin p_2 h & -(p_2^3 - p_2 \alpha) \cos p_2 h \end{vmatrix} \quad \ldots \quad (30)$$

wobei wir bemerken, dass wir anstatt (26) auch schreiben können:

$$\begin{matrix} p_1 \\ p_2 \end{matrix} = \sqrt{\mp \frac{\alpha}{2} + \sqrt{\frac{\alpha^2}{4} + \frac{4 \lambda^2}{k^2}}} \quad \ldots \ldots \ldots \ldots \quad (31)$$

oder auch:

$$p_2^2 - p_1^2 = \alpha \qquad p_1 p_2 = \frac{2 \lambda}{k} \quad \ldots \ldots \ldots \ldots \quad (32)$$

Damit reduziert sich die Gleichung (30) nach entsprechenden Umformungen der Determinante auf:

$$2 \lambda k \alpha \, Sh\,(p_1 h) \sin (p_1 h) - (\alpha^2 k^2 + 8 \lambda^2) \, Ch\,(p_2 h) \cos (p_2 h) = 8 \lambda^2. \quad \ldots \ldots \quad (33)$$

Aus dieser Gleichung ist λ für jedes beliebige α (etwa graphisch) zu bestimmen. In unsrem Falle wird sich der Einfluss des α oder des vertikalen Druckes der Masse als sehr unwesentlich erweisen, und wir werden ohne Schwierigkeit die Periode der Grundschwingung mit vollständig genügender Annäherung ermitteln können.[1])

XI. Numerische Angaben.

Wir wählen als Grundeinheiten Kg, cm und Sek.

Für das Pendel ist: $l = 285$ cm $\qquad M = 20\,600$ Kg.
$h = 185$ „ $\qquad \Theta = 88\,000\,000$ Kg cm^2.
$a = 80$ „ $\qquad f = 11{,}5$ cm.
$b = 10$ „ $\qquad I = 20$ cm^4
$E = 2.10^6$ Kg cm^{-2}.

[1]) An dieser Stelle soll nur darauf hingewiesen werden, wie sich daraus leicht die maximal zulässige Belastung eines vertikalen Stabes berechnen lässt. Als Kriterium haben wir die Forderung:

Schwingungsdauer $= \infty$ oder $\lambda = 0$

Diese Forderung lässt sich ersetzen durch:

$\cos (p_2 h) = 0$ *für* $\lambda = 0$

Im vorliegenden Falle is aber $p_2 = \sqrt{\alpha}$ und wir hätten das Kriterium:

$$h \sqrt{\alpha} = \frac{\pi}{2}$$

d.h.

$$h \sqrt{\frac{\frac{1}{2} M g}{I E}} = \frac{\pi}{2} \text{ oder } \frac{1}{2} M g = \frac{\pi^2 I E}{h^2}$$

die bekannte Euler'sche Knickformel.

Verlängerung der Tragfedern bei 5000 Kg Belastung:

11.04 11.20 11.29 11.39 cm.

Für das Gestell ist: $l_1 = 240$ cm $b_1 = 80$ cm $h = 410$ cm

$l_2 = 100$ „ $b_2 = 40$ „ $E = 500000$ Kg/cm².

XII. Verwertung der numerischen Angaben für die Horizontalschwingung und die Schaukelung.

(a) Die Tragstange sei in O frei beweglich.

Die beiden gekoppelten Bewegungsgleichungen, welche in diesem Falle gelten, werden:

$$\left.\begin{aligned} x - 88{,}4\,\varphi + 0{,}39\,x'' &= 0 \\ -x + 470\,\varphi + 18{,}7\,\varphi'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (1)$$

oder symbolisch:

$$\left.\begin{aligned} -88{,}4\,\varphi + (1 + 0{,}39\,D^2)\,x &= 0 \\ (470 + 18{,}7\,D^2)\,\varphi - x &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (2)$$

Die Elimination ergibt für beide Variabeln die Gleichung:

$$\begin{matrix} \varphi \\ [7{,}3\,D^4 + 202\,D^2 + 382] \\ x \end{matrix} = 0 \quad \ldots\ldots\ldots\ldots \quad (3)$$

aus welcher sich die superponierten Frequenzen entwickeln lassen:

$$\left.\begin{aligned} \omega_1 &= \sqrt{\frac{202 + \sqrt{202^2 - 4 \,.\, 7{,}3 \,.\, 382}}{14{,}6}} = 5{,}24 \\ \text{und} \\ \omega_2 &= \sqrt{\frac{202 - \sqrt{202^2 - 4 \,.\, 7{,}3 \,.\, 382}}{14{,}6}} = 1{,}43 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (4)$$

Es sollten sich in den Registrierungen des Instrumentes also die beiden Perioden

$$\left.\begin{aligned} T_1 &= \frac{2\,\pi}{\omega_1} = 1{,}20 \text{ Sek.} \\ T_2 &= \frac{2\,\pi}{\omega_2} = 4{,}39 \text{ „} \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (5)$$

vorfinden.

(b) Die Tragstange sei in O eingespannt.

Die beiden gekoppelten Bewegungsgleichungen, welche in diesem Falle gelten, werden:

$$\left.\begin{aligned} x - 87{,}2\,\varphi + 0{,}345\,x'' &= 0 \\ -x + 426\,\varphi + 16{,}9\,\varphi'' &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (6)$$

oder symbolisch:

$$\left.\begin{aligned} -87{,}2\,\varphi + (1 + 0{,}345\,D^2)\,x &= 0 \\ (426 + 16{,}9\,D^2)\,\varphi - x &= 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (7)$$

Die Elimination ergibt für beide Variabeln die Gleichung:

$$\begin{matrix} \varphi \\ [5{,}82\,D^4 + 164\,D^2 + 339] \\ x \end{matrix} = 0 \quad \ldots\ldots\ldots\ldots \quad (8)$$

aus welcher sich die superponierten Frequenzen entwickeln lassen:

$$\left.\begin{aligned} \omega_1 &= \sqrt{\frac{164 + \sqrt{164^2 - 4 \,.\, 5{,}82 \,.\, 339}}{11{,}6}} = 5{,}10 \\ \omega_2 &= \sqrt{\frac{164 - \sqrt{164^2 - 4 \,.\, 5{,}82 \,.\, 339}}{11{,}6}} = 1{,}50 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (9)$$

Es sollten sich in den Registrierungen des Instrumentes also die beiden Perioden

$$\left.\begin{aligned} T_1 &= \frac{2\,\pi}{\omega_1} = 1{,}23 \text{ Sek.} \\ T_2 &= \frac{2\,\pi}{\omega_2} = 4{,}18 \text{ „} \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (10)$$

vorfinden.

(c) Vergleichende Betrachtungen.

Wenn man sich das Pendel des Seismographen starr denkt, findet man als äquivalente Pendellänge 496 cm. Es hätte somit eine Periode von 4,47 Sek. Die Periode des mathematischen Pendels von der Länge $l + h = 470$ cm. wäre dagegen 4.35 Sek.

Wir haben deshalb folgende Zusammenstellung:

Das Pendel unelastisch	$T = 4.47$ Sek.
elastisch, Tragstange beweglich	4.39 „
mathematisch	4.35 „
elastisch, Tragstange eingespannt	4.18 „

Die Tragfedern verkürzen die Periode des Pendels um etwa 0.1 Sekunde. Uebrigens möge besonders darauf hingewiesen werden, wie unwichtig in Bezug auf die Länge der Periode die Art der oberen Befestigung des Pendels ist, um so mehr, als die Registriervorrichtung, wie wir später sehen werden, die Periode auf etwa 3 Sekunden herabdrückt. Die Art der Befestigung ist daher vollkommen gleichgültig.

(d) Die Amplitudenverhältnisse.

Interessanter ist die Frage, in welchem Verhältnisse die Amplituden der beiden Schwingungsarten zueinander stehen. Wir wollen die Rechnung auf Abschnitt (*a*) beziehen. Es ist klar, dass dabei nur ein untergeordneter Unterschied mit den Resultaten für (*b*) und mit dem wahren Sachverhalt überhaupt vorliegt. Wir wollen annehmen, dass die Masse einen horizontalen Anstoss mit der Anfangsgeschwindigkeit x_0' erhält. Das Beispiel zweier gekoppelter Bewegungsgleichungen, welches in Abschnitt V ausgearbeitet wurde, erlaubt uns sofort die Bewegungsgleichungen in beiden Freiheitsgraden niederzuschreiben. Man findet:

$$\left.\begin{aligned} x &= X_2 \sin 5{,}24\,t + \frac{x_0' - 5{,}24\,X_2}{1{,}43} \sin 1{,}43\,t \\ \varphi &= \Phi_2 \sin 5{,}21\,t - \frac{5{,}24}{1{,}43}\,\Phi_2 \sin 1.43\,t \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots (11)$$

Durch Einsetzen in die zweite der Gleichungen (6) ergeben sich die beiden Bedingungen:

$$\left.\begin{aligned} X_2 + 44\,\Phi_2 &= 0 \\ 3{,}67\,X_2 - 1580\,\Phi_2 &= \frac{x_0'}{1{,}43} \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots\ldots (12)$$

Damit erhalten wir:

$$X_2 = \frac{x_0'}{56{,}5} \text{ und } \Phi_2 = -\frac{x_0'}{2490} \quad \ldots\ldots\ldots\ldots\ldots (13)$$

d.h.:

$$x = \frac{x_0'}{56{,}5} \sin 5{,}24\,t + \frac{x_0'}{1{,}48} \sin 1{,}43\,t \quad \ldots\ldots\ldots\ldots (14)$$

und

$$\varphi = -\frac{x_0'}{2490} \sin 5{,}24\,t + \frac{x_0'}{680} \sin 1{,}43\,t. \quad \ldots\ldots\ldots\ldots (15)$$

In der Aufzeichnung der Horizontalkomponente werden wir also die beiden Schwingungsarten vertreten finden mit Amplituden, welche in dem Verhältnisse

$$\frac{1{,}48}{56{,}5} = \frac{1}{38} \quad \ldots\ldots\ldots\ldots\ldots (16)$$

stehen.

Dies bezieht sich auf die Eigenschwingungen des Apparates. Wenn aber die Horizontalschwingung erzwungen ist, können ganz andere Erscheinungen eintreten, theoretisch bis zum Grenzfalle der Resonanz. Nun glaube ich aber, dass wir Resonanzerscheinungen aus praktischen Gründen nicht sehr zu befürchten haben. Es treten nur hie und da in der Maximalphase eines Bebens Wellen auf, welche einigermaassen reinen Sinuscharakter tragen, und wenn solche auftreten, liegt ihre Periode meistens weit oberhalb der Resonanzperiode, welche in unserm Falle etwa eine Sekunde beträgt. In den übrigen Phasen, wo Perioden von einer solchen Grössenordnung häufig sind, besteht dagegen meistens eine derartige Inhomogenität der Schwingung, dass die Resonanz wiederum nie zu grosser Bedeutung gelangen kann.

Wo übrigens die Schaukelung sich bei erzwungener, inhomogener Horizontalschwingung ungefähr in gleichem Maasse wie bei der Stosserregung bemerkbar machen dürfte, fühlen wir uns zu folgendem Schlusse berechtigt:

Es ist jede Horizontalschwingung von einer Nebenschwingung überlagert, welche wesentlich den Takt der Schaukelbewegung und etwa 3 % der Amplitude der Primärschwingung besitzt. Wenn eine Folge von Sinuswellen eintritt, deren Periode sich der Nebenschwingungsperiode nähert, ist ein bedeutender Resonanzeffekt möglich. Dies ist aber praktisch auch in Annäherung kaum zu befürchten.

XIII. Verwertung der numerischen Angaben für die Vertikalschwingung und die Schaukelung.

Um ein ebenes Problem zu erhalten, haben wir die diesbezüglichen Bewegungsverhältnisse abgeleitet für den Fall, dass nur zwei Tragfedern da sind. Nun sei zuerst der ungünstigste Fall in Betracht gezogen, dass nämlich diese beiden Federn die zwei Extremalwerte unter den Federkonstanten der wirklich ausgeführten Federn besitzen. Es seien daher:

$$f_1 = \frac{10000 \,.\, 981}{11.04} = 889\,000 \qquad f_2 = \frac{10000 \,.\, 981}{11.39} = 861\,000 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (1)$$

und also:

$$f_1 + f_2 = 1\,750\,000 \qquad f_1 - f_2 = 28\,000 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (2)$$

Damit erhalten wir:

$$p = 52{,}1 \,.\, 10^{14} \qquad q = 21{,}7 \,.\, 10^{13} \qquad r = 1{,}81 \,.\, 10^{12} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (3)$$

oder für die beiden überlagerten Schwingungsfrequenzen:

$$\begin{matrix} \omega_1 \\ \omega_2 \end{matrix} = \sqrt{\frac{q \pm \sqrt{q^2 - 4pr}}{2r}} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (4)$$

$$\omega_1 = 9{,}30 \qquad \omega_2 = 5{,}77 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (5)$$

Es müssen sich also in den Aufzeichnungen die beiden Perioden

$$T_1 = \frac{2\pi}{\omega_1} = 0{,}68 \; Sek \qquad T_2 = \frac{2\pi}{\omega_2} = 1{,}09 \; Sek \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (6)$$

vorfinden.

Die erstere ist sehr wenig verschieden von der Periode der reinen Vertikalschwingung:

$$T_1 = 2\pi \sqrt{\frac{s}{g}} = 0{,}68 \; Sek \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (7)$$

Die darüber gelagerte Schwingung ist eine Schaukelungserscheinung, die von der Ungleichheit der Federkonstanten herrührt.

Interessant ist in erster Linie das Amplitudenverhältnis der beiden Schwingungen. Wir denken uns, dass zur Zeit $t = o$ der Masse ein vertikaler Stoss mit der Anfangsgeschwindigkeit z_0' erteilt wird und ziehen die Formeln (16) von Abschnitt VI zur Berechnung heran. Man findet jetzt:

$$Z_2 = \frac{z_0'}{9{,}6} \qquad \Phi_2 = \frac{z_0'}{89} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (8)$$

weiter aus (40):

$$\left.\begin{aligned} z &= \frac{z_0'}{9{,}6} \sin 9{,}30\, t + \frac{z_0'}{297} \sin 5{,}77\, t \\ \text{und} \qquad \varphi &= \frac{z_0'}{89{,}5} \sin 9{,}30\, t - \frac{z_0'}{55{,}6} \sin 5{,}77\, t \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (9)$$

In der Aufzeichnung der Vertikalkomponente würden wir also die beiden Schwingungsarten vertreten finden mit Amplituden, welche in dem Verhältnis

$$\frac{2.60}{297} = \frac{1}{31} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (10)$$

stehen. Dieser extreme Fall ist aber nicht realisiert, weil wir auf beiden Seiten zwei Federn haben, von deren Konstanten wir etwa den Mittelwert in Rechnung bringen müssen. Ferner würde man durch Vertauschung der Federn untereinander den Einfluss der Verschiedenheit ihrer Konstanten sicher so weit verringern können, dass wir uns zu folgendem Schlusse berechtigt fühlen:

Es ist jede Vertikalschwingung von einer Nebenschwingung überlagert, welche wesentlich den Takt der Schaukelbewegung und etwa 1 % der Amplitude der Primärschwingung besitzt. Wenn eine Folge von Sinuswellen eintritt, deren Periode sich der Nebenschwingungsperiode nähert, ist ein bedeutender Resonanzeffekt möglich. Dies ist aber praktisch auch in Annäherung kaum zu befürchten.

Obschon man von einer selbständigen Schaukelungsperiode genau genommen nicht reden kann, rührt die Tatsache, dass wir hier eine kürzere Schaukelungsperiode finden, als im vorhergehenden Abschnitte, hauptsächlich davon

her, dass wir von anderen Voraussetzungen in Bezug auf die Starrheit der Tragstange ausgegangen sind. Es ist dies von geringer Bedeutung, wir werden aber später, an Hand von Versuchen, noch einmal darauf zurückkommen. Von viel grösserer Wichtigkeit ist die Frage der Amplituden.

XIV. Verwertung der numerischen Angaben für die Eigenschwingung des Betongerüstes.

Wir greifen zurück auf die Gleichung (33) Abschnitt IX zur Bestimmung der Schwingungsperiode des Betongerüstes. Wenn wir schreiben:

$$\lambda = n k \alpha \quad \ldots \quad (1)$$

erhalten wir anstatt (33):

$$2\,n\,Sh\left(h\sqrt{\alpha}\sqrt{-\frac{1}{2}+\sqrt{\frac{1}{4}+4n^2}}\right)\sin\left(h\sqrt{\alpha}\sqrt{-\frac{1}{2}+\sqrt{\frac{1}{4}+4n^2}}\right)-$$

$$-(1+8n^2)\,Ch\left(h\sqrt{\alpha}\sqrt{\frac{1}{2}+\sqrt{\frac{1}{4}+4n^2}}\right)\cos\left(h\sqrt{\alpha}\sqrt{\frac{1}{2}+\sqrt{\frac{1}{4}+4n^2}}\right)=8n^2 \quad \ldots \quad (2)$$

Durch abschätzen erhält man:

$$h\sqrt{\alpha} = 0{,}04 \quad \ldots \quad (3)$$

Diesem kleinen Wert entspricht ein grosses n. Es können dann $\frac{1}{2}$ und $\frac{1}{4}$ neben n vernachlässigt werden. Dies will heissen, dass die schwere senkrechte Belastung der Pfeiler immerhin zu gering ist um einen merklichen Einfluss auf die Schwingungsperiode des Betongerüstes zu haben. Wir dürfen also die Gleichung (2) reduzieren auf:

$$Sh\,(h\sqrt{2\alpha n})\,\sin\,(h\sqrt{2\alpha n}) - 4n\,Ch\,(h\sqrt{2\alpha n})\,\cos\,(h\sqrt{2\alpha n}) = 4n \quad \ldots \quad (4)$$

und sogar auf:

$$Ch\,(h\sqrt{2\alpha n})\,\cos\,(h\sqrt{2\alpha n}) \cong -1 \quad \ldots \quad (5)$$

oder

$$Ch\left(h\sqrt{\frac{2\lambda}{k}}\right)\cos\left(h\sqrt{\frac{2\lambda}{k}}\right) \cong -1 \quad \ldots \quad (6)$$

Diese Gleichung liefert zur Bestimmung der Grundschwingung eines Pfeilers die erste Wurzel:

$$h\sqrt{\frac{2\lambda}{k}} \cong 1{,}88 \text{ oder } n = 1105 \quad \ldots \quad (7)$$

Weiter ist:

$$\frac{2\lambda}{k} = \left(\frac{1{,}88}{410}\right)^2$$

und mit einer angenäherten Bestimmung von

$$k = 17 \text{ cm} \quad \ldots \quad (8)$$

ergibt sich:

$$\lambda = 1{,}8 \cdot 10^{-4} \quad \ldots \quad (9)$$

Es ist aber:

$$\omega = a\,\lambda$$

und wenn wir E wiederum zu 500000 Kg/cm² annehmen, finden wir:

$$a = 5 \cdot 10^5 \text{ cm/sec} \quad \ldots \quad (10)$$

und

$$\omega = 90 \quad \ldots \quad (11)$$

Daher ist die Schwingungsperiode:

$$T = \frac{2\pi}{90} = 0{,}07 \text{ Sekunde} \quad \ldots \quad (12)$$

Es ist somit diese Periode so kurz, dass die Schwingungen der Betonpfeiler bei normalen Erdbebenwellen nicht durch Resonanzerscheinung auf die Seismogramme einwirken können.

Allerdings muss man vorsichtig sein bei der Beurteilung der Amplituden sehr kurzer Wellen. Gerade die Registrierungen dieses Apparates haben gezeigt, dass bei Nahebeben Perioden bis zu 0,2 Sek. herab vorkommen. Da aber bei solchen Wellen eine harmonische Bewegung wohl kaum je auftritt, genügt die Abschätzung des ungünstigsten Effektes der Gerüstschwingung nach der maximalen Bodenbeschleunigung:

$$\frac{4\pi^2 a}{T^2} \quad \ldots \quad (13)$$

wenn a die Amplitude der Bodenbewegung, T ihre Periode bedeutet. Eine solche Beschleunigung ergibt eine Verschiebung ξ des Tragbalkens und somit des Aufhängepunktes des Pendels von der Grösse:

$$\xi = \frac{P l^3}{8 I E} \cdot \frac{\frac{4\pi^2 a}{T^2}}{g} \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (14)$$

wo P das Gewicht eines Pfeilers bedeutet. Dieses Gewicht beträgt etwa 10000 Kg, also wäre:

$$\xi = \frac{1}{400} \frac{a}{T^2} \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (15)$$

im Falle $T = 0{,}2$ also:

$$\xi = 0{,}06\ a \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (16)$$

eine nicht zu vernachlässigende Korrektion. Für normale Perioden verschwindet sie aber.

XV. Das Schema der Registriervorrichtung.

Die Nord-Süd, die Ost-West und die Vertikalkomponente der Bewegungen des Schwerpunktes der Masse relativ zur Erde werden von drei Stossstangen vom Zentrum des Eisenklotzes aus auf Hebelsysteme übertragen. Wie in dem kleinen Referate, welches Prof. de Quervain und Prof. Piccard der Schweizerischen Naturforschenden Gesellschaft vorlegten[1]), schon ausgeführt ist, wurden die Hebelsysteme auf Starrheit, Trägheitsmoment und Beschleunigung so durchgerechnet, dass bei grösster zulässiger Amplitude und kleinster vorkommender Periode der Erdbebenwellen die Deformation nicht mehr als 1% der aufgeschriebenen Amplituden ausmacht. Diese Vorschrift führte auf 10 Kg. schwere massive Stossstangen. Alle Drehpunkte der Hebelsysteme sind womöglich mit Lamellen versehen; und da die Lamellen an beiden Enden der Stossstangen zu schwach sind, um auch die schwere Last der Stangen zu tragen, mussten diese letzteren mit besonderen Tragfedern ausgerüstet werden. Diese Tragfedern sind an der Peripherie der Masse befestigt. Figur 10 zeigt einen Schnitt durch eine dieser Anordnungen. Eine unangenehme, unvorhergesehene, Eigenschaft dieser Tragfedern wird uns noch später zu beschäftigen haben. Die Hebelsysteme bewirken eine 1500 fache Vergrösserung. Die letzte Stossstange aller Systeme, welche die Schreibfeder bewegt, musste auf beiden Seiten mit Spitzenlagerung versehen werden. Damit aber die Schreibstifte auch bei stärkster Beschleunigung die Bewegungen des Systems mitmachen, wurden „Gegenfedern" angeordnet, welche die Spitzen in die Schalen pressen. Eine schematische Zeichnung dieser Registriervorrichtung möge hier beigefügt werden (Figur 11). Zwischen den beiden nichtverbundenen Drehpunkten muss man sich ein Hebelsystem mit 100 facher Uebersetzung hinein konstruiert denken (ü).

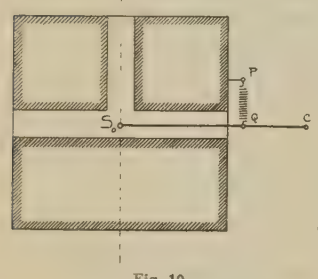


Fig. 10.

Die Gegenfedern sind nicht so angeordnet, wie in der Zeichnung deutlichkeitshalber ausgeführt wurde. Sie werden tordiert statt gestreckt. Ein prinzipieller Unterschied liegt aber nicht vor. Der Einfluss dieser Gegenfedern ist ganz bedeutend, und wir werden daher diesen Einfluss in den folgenden Abschnitten zu betrachten haben.

Die drei Schreibfedern schreiben auf einem und demselben Russbogen, zur Vermeidung aller relativer Zeitfehler. Die Dämpfung ist magnetisch und wird auf das vielgebrauchte Amplitudenverhältnis 1 : 5 eingestellt.

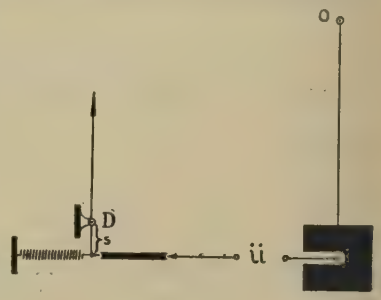


Fig. 11.

XVI. Der Einfluss der Gegenfedern auf die verschiedenen Perioden.

Die Periode der Horizontalschwingungen des Apparates, wie er im Betriebe ist, bleibt sehr wesentlich unter der Periode, welche nach Abschnitt XII zu erwarten wäre, wo wir annahmen, dass das Pendel an keine Registriervorrichtung gekoppelt ist. Zu allererst wird die Periode um einen kleinen Betrag verlängert, weil bei der Pendelung alle Hebel der Registriervorrichtung beschleunigt werden müssen (Wiechert'sches Prinzip). Aber viel wesentlicher ist in diesem Falle der Einfluss der Kräfte, welche die Gegenfedern durch die Uebersetzung auf das System ausüben. Die Richtkraft der Schwere wird durch diejenige der Federn bedeutend vermehrt.

Die Kraft K dieser Gegenfedern, welche in dem Ruhezustande der Masse im jetzigen Betriebe ungefähr 5 Gramm beträgt, drängt die Masse etwas aus der Lotlinie durch den Aufhängepunkt. Diese Abweichung bleibt aber von der Grössenordnung eines Zehntel Millimeters und hat daher keine weitere Bedeutung.

[1]) Verhandlungen der Schweizer. Naturforscherden Gesellschaft. Bern 1922 II Seite 186-187.

Die Betriebsperiode des Apparates hängt übrigens nicht von der Federkraft der Gegenfedern ab, welche sich nach Willkür ändern lässt, sondern nur von der Federkonstanten und ist somit immerhin eine instrumentelle Konstante, welche aber für die beiden Horizontalkomponenten um einige Prozente verschiedene Werte aufweist. Dies ist mit Rücksicht auf die Bestimmungen absoluter Amplituden, über welche wir später noch sprechen werden, sehr zu beachten.

Wenn wir mit

l die Pendellänge
u die Übersetzung

bis zum Angriffspunkte der Gegenfedern;

f die Federkonstante

bezeichnen, findet man leicht für die Horizontalperiode des Apparates:

$$T_h = 2\pi \sqrt{\frac{l}{g + \frac{f u^2 l}{M}}} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (1)$$

Wo die Beobachtungen eine Horizontalperiode von rund 3 Sekunden zeigen, und ohne Registriervorrichtung diese Periode, wie wir sahen, rund 4.2 Sekunden oder $\sqrt{2}$ mal grösser sein sollte, ist unter dem Einflusse der Gegenfedern die äquivalente Pendellänge auf die Hälfte reduziert. Dies war bei der Konstruktion vorgesehen.

Man sieht also zur Genüge, von wie geringer Bedeutung die Art der Aufhängung des Pendels war.

Je geringer die Pendellänge l, um so geringer der Einfluss der Gegenfedern auf die Periode. Daher ist klar, dass die Vertikalperiode des Apparates, welche einem sehr geringen Werte für l entspricht, kaum von der Gegenfeder (welche für diese Komponente identisch wie für die beiden Horizontalkomponenten ausgeführt wurde) beeinflusst wird.

XVII. Der Einfluss der Gegenfedern auf die Torsionsschwingung.

Wir wollen jetzt einem Umstande Rechnung tragen, durch welchen vielleicht bei der Horizontalschwingung auch die Torsion in bedeutendem Maasse angeregt werden könnte. Wir betrachteten schon die Möglichkeit, dass der Schwerpunkt sich nicht genau senkrecht unter den Aufhängepunkt einstellt. Viel bedeutender könnte aber der Umstand werden, dass der wahre und der berechnete Schwerpunkt der Masse nicht zusammenfallen und der Befestigungspunkt der Stossstangen, welche die Registrierung vermitteln, eine Excentricität aufweist. Gerade bei dem grossen Einflusse, welchen die Gegenfedern haben, wäre zu erwarten, dass eine solche Excentricität zu ganz bedeutenden Drehmomenten führen könnte. Der Angriffspunkt der Stossstangen sei A und liege in einem Abstande e vom Schwerpunkte S_0. Es soll in der Ruhelage die Strecke $A\,S_0$ einen Winkel φ mit der x Achse durch den Schwerpunkt einschliessen. Bei einer Ablenkung der Masse, wobei der Schwerpunkt nach S^1_0, der Punkt A nach A^1 gekommen ist, soll dieser Winkel ψ sein.

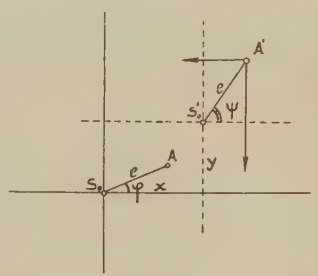


Fig. 12.

Die Bewegungsgleichungen für die Horizontalkomponenten und die Torsion erhalten daher die Form:

$$\left.\begin{aligned} &\lambda_1 x + \mu_1 (x + e\cos\psi - e\cos\varphi) + M x'' = 0 \\ &\lambda_2 y + \mu_2 (y + e\sin\psi - e\sin\varphi) + M y'' = 0 \\ -\,&\mu_1 (x + e\cos\psi - e\cos\varphi)\, e\sin\psi + \\ &+ \mu_2 (y + e\sin\psi - e\sin\varphi)\, e\cos\psi + \Theta_t \psi'' = 0 \end{aligned}\right\} \quad \ldots\ldots \quad (1)$$

Wenn wir schreiben:

$$\psi = \varphi + \chi \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (2)$$

und berücksichtigen, dass χ immer sehr klein bleibt, erhalten wir die simultanen Gleichungen:

$$\left.\begin{aligned} &(\lambda_1 + \mu_1) x - \mu_1 e \chi \sin\varphi + M x'' = 0 \\ &(\lambda_2 + \mu_2) y + \mu_2 e \chi \cos\varphi + M y'' = 0 \\ -\,&\mu_1 x e \sin\varphi + \mu_2 y e \cos\varphi + \\ &+ [\mu_1 e^2 \sin\varphi + \mu_2 e^2 \cos\varphi + \lambda_3]\, \chi + \Theta_t \chi'' = 0 \end{aligned}\right\} \quad \ldots\ldots \quad (3)$$

Wenn wir zur leichteren Behandlung einen Koordinatenwechsel vornehmen, bei dem etwa φ zu Null wird, können wir uns beschränken auf das Paar:

$$\left.\begin{aligned} &(\lambda_2 + \mu_2) y + \mu_2 e \chi + M y'' = 0 \\ &\mu_2 e y + (\mu_2 e^2 + \lambda_3) \chi + \Theta_t \chi'' = 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (4)$$

Wir wollen diese Gleichungen schreiben in der Form:

$$\left.\begin{aligned} \omega_1^2\, y \;+\; \frac{\mu_2\, e}{M}\,\chi \;+\; y'' \;=\; 0 \\ \frac{\mu_2\, e}{\Theta_t}\, y \;+\; \left(\frac{\mu_2\, e^2}{\Theta_t} + \omega_2^2\right)\chi \;+\; \chi'' \;=\; 0 \end{aligned}\right\} \quad \ldots\ldots\ldots\ldots \quad (5)$$

und da diese in die allgemein behandelte Kategorie hineinfallen, können wir uns erlauben, die Lösung dieses Paares sofort hinzuschreiben. Es genügt Folgendes:

Es sind

$$\begin{matrix}\omega_1' \\ \omega_2'\end{matrix} = \sqrt{\frac{\left(\omega_1^2 + \omega_2^2 + \frac{\mu_2\, e^2}{\Theta_t}\right) \pm \sqrt{\left(\omega_1^2 - \omega_2^2 + \frac{\mu_2\, e^2}{\Theta_t}\right)^2 + 4\,\frac{\mu_2^2\, e^2}{\Theta_t\, M}}}{2}} \quad \ldots\ldots \quad (6)$$

die beiden auftretenden Frequenzen, und es ist

$$\frac{\mu_2\, e\, \omega_1'}{M\,(\omega_2'^2 - \omega_1'^2)\,\omega_2'\, y_0'}\left(\chi_0' - \frac{\mu_2\, e\, y_0'}{\Theta_t\,(\omega_1^2 - \omega_2^2) - \mu_2\, e^2}\right) \quad \ldots\ldots\ldots \quad (7)$$

das Amplitudenverhältnis, welches man zwischen den superponierten Schwingungen in den Horizontalaufzeichnungen vorfindet. Dabei wurde vorausgesetzt, dass e klein und ω_2 sehr verschieden von ω_1 sei. Es trifft dies in unserm Falle zu. Es sind weiter χ_0' die zur Zeit $t = 0$ bestehende Winkelgeschwindigkeit der Masse um die z Achse und y_0' die entsprechende anfängliche Horizontalgeschwindigkeit.

War die Torsionsschwingung ursprünglich nicht angeregt, also $\chi_0' = 0$ so reduziert sich (7) auf:

$$-\frac{\mu_2^2\, e^2\, \omega_1'}{M\,(\omega_2'^2 - \omega_1'^2)\,\omega_2'\,\{\Theta_t\,(\omega_1^2 - \omega_2) - \mu_2\, e^2\}} \quad \ldots\ldots\ldots \quad (8)$$

einen Bruch, dessen Wert mit e^2 abnimmt. Ist e sehr klein, so kann die Torsionsschwingung also sicher vernachlässigt werden. Bei Erdbeben würde keine Torsionsschwingung im Seismogramm nachweisbar sein. Interessant ist, dass es einen Wert gibt:

$$\chi_0' = \frac{\mu_2\, e}{\Theta_t\,(\omega_1^2 - \omega_2^2) - \mu_2\, e^2}\, y_0' \quad \ldots\ldots\ldots\ldots \quad (9)$$

wobei die Torsionsamplitude im Horizontalseismogramm überhaupt verschwindet. Ist aber χ_0' gross, also die Torsionsschwingung zur Zeit $t = 0$ schon kräftig angeregt, dann reduziert sich (7) unter Vernachlässigung kleiner Grössen zweiter Ordnung auf:

$$\frac{\mu\, e\, \omega_1'\, \chi_0'}{M\,(\omega_2'^2 - \omega_1'^2)\,\omega_2'\, y_0'} \quad \ldots\ldots\ldots\ldots \quad (10)$$

Man kann diese Verhältnisse durch die Versuche prüfen. *Im Abschnitt XIX wird aber gezeigt werden, dass sie zu absurden Werten der Excentricität e führen.* Wir sind daher gezwungen nach einer andren Ursache zu suchen, welche bewirkt, dass sich die Torsionsschwingungen bei den Versuchen überraschend stark aufzeichnen.

XVIII. Die Gegenfedern und die maximale Bodenbeschleunigung.

Wenn wir (Figur 11) mit θ dass Massenträgheitsmoment einer Schreibfeder in Bezug auf die Drehachse D und mit m die Masse der letzten, einzigen auf Spitzen gelagerten Stossstange bezeichnen und x_m'' die maximale Bodenbeschleunigung darstellt, mit welcher zu rechnen ist, dann haben wir, damit die Gegenfeder den angegebenen Dienst leistet, die Beziehung:

$$K = u\, x_m'' \left[\frac{\theta}{s^2} + m\right] \quad \ldots\ldots\ldots\ldots \quad (1)$$

zur Bestimmung der notwendigen Federkraft. Die Federkraft muss nämlich, damit der Kontakt zwischen den registrierenden Teilen nicht verloren gehe, zweierlei leisten. Sie muss die Schreibfeder drehen und die letzte Stossstange verschieben, entsprechend der maximalen Bodenbeschleunigung.

Die Gegenfeder wird aber, wie schon bemerkt wurde, nicht gedrückt, sondern tordiert. Der mittlere Radius der Spirale sei r, in der Ausführung also gleich s, die Drahtdicke d, die Drahtlänge l_0. Wenn es darauf ankommt, den Einfluss der Gegenfedern auf die Schwingungsperiode soviel wie möglich zu beschränken, werden wir der Feder die höchste zulässige Beanspruchung geben. Es ist dann:

$$f = \frac{\pi\, E\, d^4}{64\, s^2\, l_0} \qquad K = \frac{\pi\, d^3}{32\, s}\, k_b \quad \ldots\ldots\ldots\ldots \quad (2)$$

wenn k_b die höchste zulässige Biegungsbeanspruchung des Federmateriales darstellt.

Gleichung (1) des Abschnittes XVI wird daher unter Berücksichtigung dieser Formeln:

$$T_h = \sqrt{\frac{l}{g + x''_m \frac{u^3 E l}{2 M s k_b} \left(\frac{\theta}{s^2} + m\right) \frac{d}{l_0}}} \quad \ldots \ldots \ldots \ldots \quad (3)$$

Wenn die maximale Bodenbeschleunigung gegeben ist und die letzte Schubstange und die Schreibfeder entsprechend dimensioniert sind (Abschnitt XV), haben wir daher nur noch eine gewisse Freiheit in der Dimensionierung der Gegenfeder. Wenn wir die Periode der Horizontalschwingung möglichst gross haben wollen, muss:

$$\frac{d}{l_0} \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (4)$$

das Verhältnis der Drahtdicke zur Drahtlänge so klein wie möglich gewählt werden. Die Reduktion dieses Quotienten geht indessen praktisch nur bis zu einer gewissen Grenze. Wir müssen also unter allen Umständen mit einer Verkürzung der Horizontalperiode rechnen. *Wo von Anfang an eine Periode von 3 Sekunden als vorteilhaft mit Rücksicht auf den Zweck des Apparates betrachtet wurde, war man auch bei der angenommenen reichlich hohen maximalen Bodenbeschleunigung relativ frei in der Wahl der Feder.*

XIX. Versuche und Schlussfolgerungen.

Eine Reihe Versuche wurde unternommen, um zu erfahren, wie die Aufzeichnungen bei verschiedener Art des Anstossens der Pendelmasse verlaufen. Es sei gestattet, die wichtigsten Resultate kurz hervorzuheben.

Wenn die Dämpfungsvorrichtung ausgeschaltet ist, zeigen sich keine zwei Komponenten absolut unabhängig von einander. Dies war bei dem komplizierten Instrumente zu erwarten und wird immer ein wesentlicher Uebelstand der Seismographen bleiben, bei welchen ein einziges Pendel mehr als eine Komponente der Erdbewegung registrieren soll. *Die Versuche zeigen aber, dass eine gute Dämpfung die Horizontal- und Vertikalkomponenten praktisch vollkommen unabhängig macht.* Merkwürdig und wichtig war aber Folgendes:

Es zeigte sich, dass die Schaukelschwingungen und Torsionsschwingungen *bei künstlicher Erregung* sich mit Amplituden aufzeichneten, welche unter Umständen von der gleichen Grössenordnung wie die Amplituden der Horizontal- und Vertikalschwingung waren.

Die Torsionsperiode liegt in der Nähe von 5 Sekunden und die Schaukelungsperiode ist bei abwesender Astatisierung durchweg gleich einer Sekunde. Die Torsionsperiode stimmt sehr gut mit den theoretischen Erwartungen überein, die Schaukelungsperiode dagegen weniger. Dass diese Periode für alle Richtungen gleich sei, war von vornherein zu erwarten, aber man beachte, dass die Annahme absoluter Starrheit der Tragstange (Abschnitt XIII) eine Schaukelungsperiode (1.09 Sek.) liefert, die in besserer Uebereinstimmung mit der Beobachtung ist, als bei Annahme absoluter Flexibilität (Abschnitt XII, 1.23 Sek.). Daher ist es angezeigt jene erstere Annahme zu machen, wenn auch sogar bei dieser die Schaukelungsperiode noch zu hoch ausfällt. Denn auch sie entspricht nicht den wahren Verhältnissen. Richtiger wäre es vor allem auch, die Tragfedern in ihren Enden als eingespannt zu betrachten. Aber dann würde die Theorie unverhältnismässig komplizierter. Als erwiesen kann immerhin gelten, dass die auftretende Einsekundenschwingung von dem Schaukelungseffekt herrührt, und darauf kommt es an.

Wir haben früher gezeigt, dass die Schaukelschwingungen in nicht unbedeutendem Maasse mit den Horizontalschwingungen gekoppelt sind. Warum eine geringe Sekundärschwingung in der Horizontalbewegung bei den Versuchen zum Vorschein kommt, ist daher aufgeklärt. Man kann darüber ebenfalls quantitativ Rechenschaft geben aus den Horizontaldiagrammen bei absichtlicher Anregung der Schaukelung.

In ungünstigen Fällen hat man auch eine Koppelung zwischen der Vertikalschwingung und der Schaukelung anzunehmen. Aber durch diese Koppelung das Auftreten der Schaukelung im Vertikalseismogramm quantitativ zu erklären, erschien ausgeschlossen, auch erschien es durchaus unmöglich, mit Hilfe der bis jetzt betrachteten Koppelungen vom Auftreten der Torsionsschwingung im Horizontalseismogramm Rechenschaft zu geben.

Nur eine Excentricität des Angriffspunktes der Stossstangen von der Grössenordnung eines Dezimeters hätte zur Erklärung genügt.

Diese beiden Punkte erforderten daher ganz besondere Beachtung, denn es war ja die Hebelübersetzung so konstruiert worden, dass jede Aufzeichnung einer Schaukelung oder Torsion aus mechanischen Ursachen als ausgeschlossen gelten musste. Es wurde nun nach einem unauffälligen Konstruktionsfehler gesucht, und es zeigte sich, dass die Federn, welche die Stossstangen für die Horizontalkomponenten tragen und an der Masse befestigt sind, die Uebertragung der Schaukelungen und Torsionsschwingungen auf die Vertikalkomponente und die Horizontalkomponente bewirkten. Man betrachte die Figur 10:

a. Wenn eine Schaukelung auftritt, welche nicht gerade um eine Achse stattfindet, welche durch die

abgebildete Stossstange geht, wird die Tragfeder PE abwechselnd ihre Länge und damit ihre Zugkraft ändern. Den Punkt C kann man als festen Drehpunkt betrachten. Die Zusatzkraft wird also mit einer gewissen Uebersetzung (ungefähr 2 : 3) auf den Schwerpunkt S_0 übertragen und bewirkt damit eine Vertikalschwingung im Takt der Schaukelung.

b. Die Spiralfeder PQ ist mit etwa 10 Kg belastet. Wenn nun bei der Torsion der Punkt P sich über eine gewisse Strecke längs der Peripherie eines Kreises um die Vertikale durch S_0 bewegt hat, wirkt in Q eine kleine horizontale Komponente dieser Federkraft proportional jener Auslenkung. Diese Komponente wird ebenfalls im Verhältniss 2 : 3 auf den Schwerpunkt übertragen und bewirkt eine periodische Verschiebung der andern Stossstange im Takt der Torsionsschwingung.

Ueber die Grössenordnung der betrachteten Effekte ist folgendes zu sagen:

a. Die Masse sei um einen kleinen Winkel φ gedreht um eine Achse, welche der Einfachheit wegen durch eine der Stossstangen gelegt ist. Diese Verdrehung gibt in der skizzierten Weise Anlass zu einer im Schwerpunkt der Masse angreifenden vertikalen Kraft:

$$P_v = 58{,}5\ \varphi \text{ Kg.}$$

Dieser Kraft entspricht, *statisch gerechnet*, eine Ablenkung des Schreibstiftes von der Grösse:

$$a_v = 50\ \varphi \text{ cm.}$$

b. Die Masse sei um einen kleinen Winkel ψ gedreht um ihre vertikale Achse. Diese Verdrehung gibt Anlass zu zwei in den Richtungen der beiden horizontalen Stossstangen angreifenden Kräfte:

$$P_h = 24{,}0\ \psi \text{ Kg.}$$

Diesen Kräften entsprechen, *statisch gerechnet*, Ablenkungen der Schreibstifte von der Grösse:

$$a_h = 450\ \psi \text{ cm.}$$

Man sieht, dass diese Effekte bei künstlicher Erregung der Schaukelung bzw. der Torsionsschwingung von der ersten Ordnung sein können. Der erstere Effekt ist aber weitaus der kleinere, was durch die Versuche bestätigt wurde.

Damit dürften alle Koppelungen zwischen der Schaukelung und Torsionsschwingung einerseits und den übrigen Komponenten anderseits restlos erklärt sein.

Eine andere Frage ist freilich, in wie fern die Aufzeichnung einer Torsionsschwingung oder einer Schaukelung schädlich für die Interpretation der Seismogramme werden kann. Es können selbstverständlich weder die Torsionsschwingung noch die Schaukelung durch Erdbeben angeregt werden, bei denen nach den Versuchen Schlüters die torsionalen Effekte bekanntlich verschwindend klein sind gegenüber den Translationen. Die Schaukelung und die Torsionsschwingung treten immer nur als sekundäre Wirkungen auf. Versuch und Rechnung ergeben, dass sie als solche sehr gering bleiben.

Immerhin würde es sich vorsichtshalber empfehlen, eine kleine Verbesserung an dem Apparate anzubringen, und zwar in der Weise, dass man die Tragfedern der Stossstangen so weit wie möglich verlängert und oben an der Masse befestigt, wie in der Konstruktion vorgesehen war. Eine Befestigung ausserhalb der Masse ist nicht zu empfehlen, weil damit ein gefährlicher Kontakt mit der Erde gegeben wäre, welchen man beim Seismometer ja soviel wie nur möglich vermeiden will. Mit einer fünffachen Verlängerung der Tragfedern der Stossstangen würde man eine fünffache Abschwächung sowohl des Schaukelungs- wie des Torsionseffektes erzielen, und damit könnten diese Schwierigkeiten als erledigt gelten. *Es bleibt daher bei sorgfältiger Konstruktion nur der im Abschnitt XII besprochene störende Effekt bestehen. Alle Horizontalaufzeichnungen werden von einer geringen darübergelagerten Schaukelschwingung gefälscht.*

Bei fortwährender Nachprüfung der Unabhängigkeit der Komponenten, welche nach der Erfahrung durch unbeachtete störende Einflüsse leicht beeinträchtigt werden kann, wird man also den Aufzeichnungen des Züricher Seismographen innerhalb gewisser Grenzen Vertrauen schenken können, und zwar werden diese Grenzen sicher viel mehr von der postulierten mechanischen Registrierung, d. h. von der Reibung der Schreibstifte auf dem Russbogen, als von den Koppelungen zwischen den sechs Freiheitsgraden beeinflusst. Es ist darum sicher zu begrüssen, dass instrumentelle Einzelheiten für eine optische Registrierung vorgesehen wurden. Darauf werden wir noch zu sprechen kommen.

Wir müssen selbstverständlich schliessen, dass man dem System der getrennten Apparate den Vorzug geben muss. Bei dem vorliegenden Instrument konnte es sich aber nicht darum handeln, drei unabhängige Massen zu installieren, sondern nur darum, aus der einen, deren Aufhängung möglich war, den grösstmöglichen Nutzen zu ziehen. Es wird für die Bedürfnisse der praktischen Seismometrie durch die Registrierung von drei Komponenten statt nur einer so sehr viel mehr geleistet, dass im Verhältnis dazu die hier untersuchten Bedenken (die auch den Konstrukteuren grundsätzlich nicht unbekannt waren) zurücktreten.

Es hat sich insbesondere seither in der Praxis gezeigt, dass gerade die Registrierungen der Vertikalkomponente für die sichere Erkennung der *P*-Einsätze von Nahebeben und Fernbeben besonders wichtig sind.

In wie weit die Registrierungen dieses Instrumentes auch wertvoll sind zur Analyse der wahren Bodenbewegung, ist eine Frage, welche weiter unten behandelt werden soll.

Es sei an dieser Stelle an Folgendes erinnert:

Wir dürfen nicht vergessen, dass nach früherem eine direkte Resonanz der Schaukelung möglich ist, die sich auch in der Vertikalkomponente bemerkbar machen könnte. Resonanz mit der Torsionsschwingung dürfte, nach der geplanten Verbesserung, kaum als Störung in Betracht kommen. Der Einfluss der Schwingungen des Gerüstes ist bei normaler Periode der Erdbewegung gleichfalls zu vernachlässigen.

XX. Das Schema der Astatisierung.

Wir möchten hier nicht unterlassen, auch ein Wort über die Astatisierungsvorrichtung zu sagen, welche zur Vergrösserung der vertikalen Periode des Instrumentes konstruiert wurde.

Figur 13 gibt ein Bild der Vorrichtung, welche auf zwei Seiten des grossen Klotzes und zwar in paarweiser Ausführung angebracht wurde. Die Wirkung dieser Astatisierung wird durch diese Figur genügend erläutert.

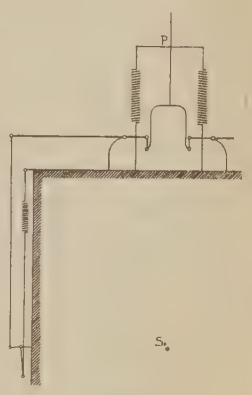


Fig. 13.

Professor de Quervain hofft, dauernd eine vierfache Astatisierung, also eine Vertikalperiode von rund 2,5 Sekunden zu erreichen, bevor der Punkt der Instabilität überschritten wird. [1]) Die Einstellung ist eine sehr heikle Sache und erfordert grosse Geduld und auch genügend Zeit, denn die vollständige Astatisierung wird erst in Etappen erreicht werden können, weil das Instrument sich jedesmal den neuen Verhältnissen anpassen muss, und alle Temperaturdifferenzen ausgeglichen sein müssen, bevor wieder ein kleiner Schritt vorwärts getan werden kann.

Prof. de Quervain konnte bei der ersten groben Einstellung einen gewissen Resonanzeffekt wahrnehmen, welcher sehr wahrscheinlich mit einem theoretisch von mir begründeten identisch war. Es wirkt nämlich die Astatisierung auch auf die Schaukelung zurück und zwar in maximalem Grade in der Ebene, welche man durch die Vorrichtung legen kann. Senkrecht darauf ist die Astatisierung von keinem Einfluss auf die Schaukelung, und diese hat immer noch die Periode von rund 1 Sekunde. Wenn die Astatisierung der Vertikalperiode eine n fache ist und die Astatisierung der Schaukelung in der Ebene der Vorrichtung eine m fache, findet man mit Rücksicht auf die Konstruktion die Beziehung:

$$\frac{m^2 - 1}{m^2} = 0{,}78\,\frac{n^2 - 1}{n^2} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (1)$$

Aus dieser Gleichung kann man ermitteln, dass die Periode der Vertikalschwingung mit der der Schaukelung in der Ebene der Vorrichtung identisch ist, wenn diese

$$1.7 \text{ Sekunden} \ldots\ldots\ldots\ldots\ldots\ldots \quad (2)$$

beträgt. Wenn die Astatisierung wirksam ist, kann nur um zwei Achsen eine permanente Schaukelung existieren, nämlich um eine Achse, welche in der Ebene der Vorrichtung liegt und um eine Achse senkrecht darauf. Bei jeder anderen Schaukelung besitzt die Masse eine Lissajousbewegung, welche nach den beiden Grenzfrequenzen zerlegt werden kann. Beim Anspannen der Astatisierung sollte also theoretisch zweimal eine Resonanzerscheinung eintreten nämlich ein erstes Mal, wenn die Vertikalperiode auf eine Sekunde ein zweites Mal wenn sie auf 1.7 Sekunden angewachsen ist.

Ein geringer Resonanzeffekt wurde nach Mitteilung Professor de Quervains beim Anspannen der Astatisierung in der Tat ziemlich plötzlich wahrgenommen. Bei stärkerer Anspannung war der Effekt wieder verschwunden. Meiner Ansicht nach bezieht sich diese Wahrnehmung auf die erste Resonanz. Dass die zweite Resonanz nicht aufgefallen ist, liegt wohl daran, dass der zweiten Schwingung, wie Modellversuche lehrten, eine grosse mechanische Dämpfung anhaftet. Es tritt überhaupt die grössere der beiden Schaukelungsperioden wegen des schnellen Abklingens immer nur im ersten Moment in Erscheinung und ist kaum zu erfassen. Mit Rücksicht auf das Vorgehende sei also noch darauf hingewiesen, dass für die Schaukelung praktisch nur eine Resonanzstelle, nämlich $T_p = 1$ *Sek.* zu befürchten ist.

Bei vierfacher Astatisierung kommt nur $^1/_{16}$ der aufwärtstreibenden Federkraft zur Geltung. Legt man ein Gewicht auf die Masse, so wird diese sich 16 mal tiefer senken als ohne Astatisierung.

Auch wenn die Federn sich unter Temperatureinfluss um Δ verlängern, ensteht durch die Astatisierung

[1]) Inzwischen nahezu erreicht.

eine abwärtsgerichtete Kraft, die $^{15}/_{16}$ der entsprechenden Federkraft beträgt. Um dies wieder auszugleichen, muss die Masse sich um weitere 15 Δ senken, also im ganzen um 16 Δ. Die Temperaturemfindlichkeit des astatisierten Apparates ist also ungemein gross, sie wurde aber durch eine symptomatisch arbeitende Kompensation unschädlich gemacht, die sich gut bewährt. Diese geniale, aber etwas heikle, Konstruktion hier zu besprechen, würde zu weit führen. Die Wirkungsweise wurde in dem schon genannten Referate [1]) kurz angedeutet.

XXI. Betrachtungen über die Einsätze eines Bebens.

In der klassischen Theorie der erzwungenen Schwingungen setzt man die äussere Kraft nach dem reinen Sinusgesetz periodisch voraus. Dieses Beispiel ist für die Technik von überwiegender Wichtigkeit. In der Seismologie kann es nur ausnahmsweise bei der Auswertung der Maximalphase besonders geeigneter Beben in Anwendung kommen, bei welchen man hie und da eine ziemlich regelmässige Folge reiner Sinuswellen antrifft. Nach meiner Ansicht lohnt es sich daher, den Fall zu behandeln, wo die äussere Kraft durch eine Funktion von der Form:

$$A\, t^p e^{-at} \sin \omega t \qquad (1)$$

dargestellt werden kann. Wir wollen also untersuchen, wie ein Seismograph reagiert, wenn eine seismische Welle, deren Gesetz durch die Funktion (1) dargestellt wird, das Instrument trifft.

Wohl ist eine Bebenwelle ebensowenig je genau von der Form (1), wie sie eine Sinusschwingung ist; aber es ist wichtig, dass man eine geschlossene Welle, welche einigermaassen eine Phase eines Bebens wiedergibt, von Anfang bis Ende rechnerisch verfolgen kann. Namentlich möchte ich die folgenden Rechnungen beziehen auf den Einsatz der P Phase eines Bebens zur Bestimmung der absoluten Werte der ersten Maxima der drei Komponenten der Erdbewegung und damit des Azimuths des Epizentrums und des Emergenzwinkels, ebenso auf den Einsatz der S Phase zur Inangriffname der Frage nach der Polarisation der transversalen Wellen.

Die Einsätze eines jeden Bebens sind nämlich wohl mit genügender Genauigkeit mit dem Einsatze einer Welle von der Form (1) zu vergleichen. Es stehen drei beliebige Konstanten zur Verfügung zur Anpassung der Kurve (1) an das wirkliche Beben. Im Rahmen dieser Arbeit werde ich mich aber auf Wellen beschränken, welche dem Gesetze:

$$x = A\, t\, e^{-at} \sin \omega t \qquad (2)$$

folgen, da für Werte $p > 1$, wenn auch keine neuen prinzipiellen Schwierigkeiten auftreten, die Rechnung sich wesentlich kompliziert. Es stehen übrigens in a und ω bei der geringen Präzision, welche die praktische Verwertung der Resultate erfordert, genügend Konstanten zur Verfügung.

Zuerst wollen wir die Resultate der Integration der Gleichung der Schreibstiftbewegung des Seismographen mitteilen, wobei wir anfänglich von der Reibung am Schreibstift absehen.

Die Gleichung, welche zu lösen ist, lautet:

$$\varphi'' + 2\varepsilon\varphi' + n^2\varphi = -\frac{d^2}{dt^2}\left(A\, t\, e^{-at} \sin \omega t\right). \qquad (3)$$

Zur Vereinfachung führen wir die neuen Konstanten

$$\frac{\varepsilon}{\omega} = \lambda \quad \frac{n}{\omega} = \mu \quad \frac{a}{\omega} = \nu \qquad (4)$$

und die neue Variable

$$\omega t = y \qquad (5)$$

ein. μ ist das Verhältnis der Eigenfrequenz des Seismographen zur Frequenz der Erdschwingung. λ und ν haben keine prinzipielle Bedeutung. Da es weiter nicht auf den absoluten Wert der Erdbewegungsamplitude A ankommt, setzen wir:

$$A = \omega \qquad (6)$$

und erhalten nach leichter Umformung:

$$\varphi'' + 2\lambda\varphi' + \mu^2\varphi = -\frac{d^2}{dy^2}\left(y\, e^{-\nu y} \sin y\right). \qquad (7)$$

oder:

$$\varphi'' + 2\lambda\varphi' + \mu^2\varphi = (1-\nu^2)\, y\, e^{-\nu y} \sin y + 2\, y\, e^{-\nu y} \cos y - 2\, e^{-\nu y} \cos y + 2\nu\, e^{-\nu y} \sin y \qquad (8)$$

Wir schreiben:

$$\alpha = \nu^2 + \mu^2 - 2\lambda\nu - 1 \qquad \mu = \nu - \lambda \qquad (9)$$

$$\left.\begin{array}{l} p = \alpha \quad q = 2\beta \quad r = p^2 + q^2 \quad P = (\alpha^2 - 4\beta^2)\,\beta + 4\alpha\beta \\ Q = -\alpha^2 + 4\beta^2 + 4\alpha\beta^2 \qquad R = r^2 \end{array}\right\} \qquad (10)$$

[1]) Siehe p. 36.

und finden damit für die allgemeine Lösung der Gleichung (7):

$$\varphi = y e^{-\nu y}\left[\cos y\left\{(1-\nu^2)\frac{q}{r}+2\nu\frac{p}{r}\right\}+\sin y\left\{(1-\nu^2)\frac{p}{r}-2\nu\frac{q}{r}\right\}\right]+$$
$$+2e^{-\nu y}\left[\cos y\left\{(1-\nu^2)\frac{Q}{R}+2\nu\frac{P}{R}-\frac{p}{r}+\nu\frac{q}{r}\right\}+\right.$$
$$\left.+\sin y\left\{(1-\nu^2)\frac{P}{R}-2\nu\frac{Q}{R}+\frac{q}{r}+\nu\frac{p}{r}\right\}\right]$$
$$+Ke^{-\lambda y}\cos\left(y\sqrt{\mu^2-\lambda^2}\right)+Le^{-\lambda y}\sin\left(y\sqrt{\mu^2-\lambda^2}\right). \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (11)$$

Die beiden willkürlichen Konstanten K und L findet man selbstverständlich aus den Bedingungen:

$$\varphi_{t=0} = 0 \qquad \varphi'_{t=0} = 0 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (12)$$

Man kann nun für eine Reihe von Werten für μ und ν die Kurve (11) berechnen. Ich beschränkte mich auf die Werte

$$\left.\begin{array}{l}\mu = 0 \;\; 0{,}5 \;\; 1 \;\; 1{,}5 \;\; 2\\ \nu = 0{,}1 \;\; 0{,}2 \;\; 0{,}3 \;\; 0{,}4 \;\; 0{,}5\end{array}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (13)$$

welche den ersten praktischen Anwendungen genügen dürften. Dass ich mit dem Verhältnis der Bebenperiode zur Eigenperiode des Instrumentes bis auf 2 gegangen bin, hat darin seinen Grund, dass die Eigenperiode des Seismographen, welchen wir hier im besondern studiert haben, sehr kurz ist im Vergleich zu der bei andern Instrumenten gebräuchlichen, nämlich nur 3 Sekunden beträgt, und Einsatzperioden von bedeutend grösserer Dauer, sogar bei der Phase der longitudinalen Wellen, vorkommen. Uebrigens habe ich die ganze Rechnung auch insoweit auf den Züricher Seismographen bezogen, als ich die Dämpfung 1 : 5 angenommen habe, welche Annahme auf

$$\lambda = 0{,}456\,\mu. \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (14)$$

führt. Da diese Art der Dämpfung weit verbreitet ist, werden die Resultate der Rechnung ihren Wert auch für andere Instrumente haben.

Es ist zu bemerken, dass die Rechnungen sich viel einfacher gestalten, wenn man sich auf die Dämpfung beschränken könnte, bei welcher der Apparat an der Grenze der Aperiodicität steht, wie dies bei den Galitzin-Apparaten der Fall ist.

Es ist dann:

$$\lambda = \mu \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (15)$$

Die beigefügten Figuren 14 zeigen die Kurven, welche der Seismograph aufzeichnen wird, wenn ihn die Wellen treffen, welche durch die punktierten Linien, spiegelbildlich, dargestellt werden.

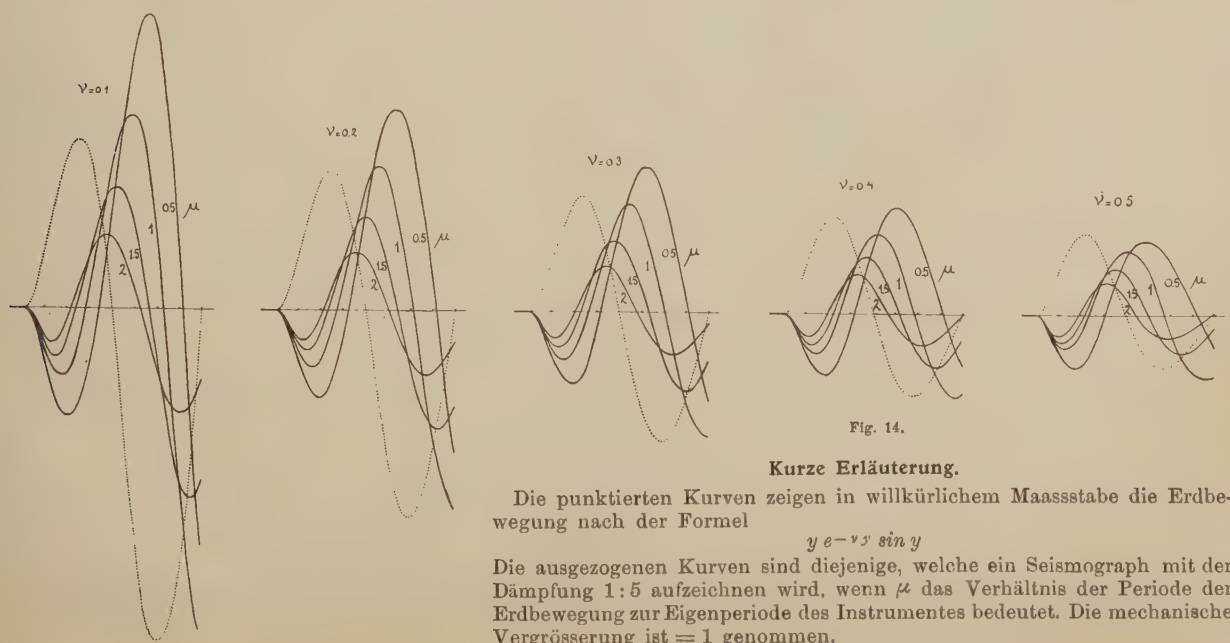


Fig. 14.

Kurze Erläuterung.

Die punktierten Kurven zeigen in willkürlichem Maassstabe die Erdbewegung nach der Formel

$$y\,e^{-\nu y}\sin y$$

Die ausgezogenen Kurven sind diejenige, welche ein Seismograph mit der Dämpfung 1:5 aufzeichnen wird, wenn μ das Verhältnis der Periode der Erdbewegung zur Eigenperiode des Instrumentes bedeutet. Die mechanische Vergrösserung ist = 1 genommen.

Wenn wir nun die Werte der ersten maximalen Amplituden der registrierten Kurven und die Phasenverschiebungen dieser Maxima gegenüber denjenigen der Kurven der Bodenbewegung berechnen, bekommen wir die graphische Darstellung Figur 15. Diese zeigt schon einen interessanten Charakter. Die Vergrösserungskurven V zeigen den Verlauf des Quotienten der ersten maximalen Amplitude des Seismogramms und der ersten maximalen Amplitude der Erdbewegung für die verschiedenen ν Werte, sie fallen regelmässig ab. Dagegen zeigen die Kurven der *Phasenverschiebung Ph* einen eigenartigeren Verlauf. Für geringe μ Werte zusammen gehend, divergieren die Kurven stark zwischen $\mu = 0{,}5$ und $\mu = 1$, um sich nachher wieder einander allmählich zu nähern. Dieser Effekt ist eine sekundäre Resonanzerscheinung. Will man die Werte der Phasenverschiebung in der Periode der Erdbewegung ausgedrückt haben, so muss man die aus der Figur entnommenen Beträge durch 2π dividieren. Die Phasenverschiebung ist in viel stärkerem Grade von ν abhängig als der Vergrösserungsfaktor. Die wahre Vergrösserung erhält man, indem man den der Figur entnommenen Wert mit dem mechanischen Uebersetzungsfaktor des jeweiligen Instrumentes multipliziert. Die Phasenverschiebung und Vergrösserung des ersten Maximums wollen wir mit Ph_1 und V_1 bezeichnen.

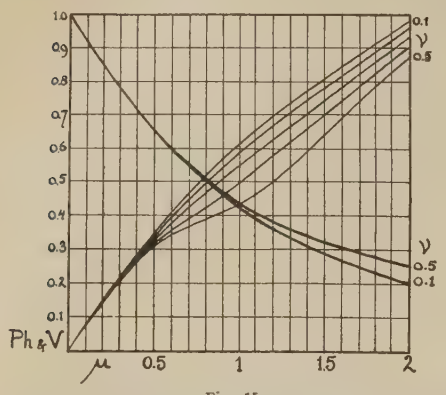


Fig. 15.

Als Lage des zweiten Maximums einer jeden Kurve wurde die Mitte der beiden Nullstellen zu beiden Seiten dieses Maximums genommen. Daraus berechnete ich die absoluten Werte dieser zweiten Maxima.

Weiter dividierte ich die Abstände der beiden genannten Nullstellen durch π. Dieser Quotient sei mit μ' bezeichnet. Er ist nicht mit μ identisch, aber es gelingt, den korrespondierenden μ Wert aus jedem μ' Wert abzuleiten. Die μ' Werte sind in der Figur 16 graphisch dargestellt, und zwar in den stark ansteigenden Kurven. Merkwürdigerweise überschneiden sich die Linien alle in einem bestimmten Punkte, dessen Koordinaten $\mu = 1{,}18$ und $\mu' = 0{,}97$ sind. Diese Werte sind einander also eindeutig zugeordnet. Die übrigen Kurven dieser Figur stellen die Werte der Quotienten der ersten und zweiten Maxima dar. Alle diese Kurven Zeigen ein deutliches Minimum, d. h. es wird hier die Resonanzerscheinung sichtbar, indem die zweiten Maxima in der Nähe $\mu = 1$ höher verlaufen als die Maxima für geringere oder grössere μ Werte.

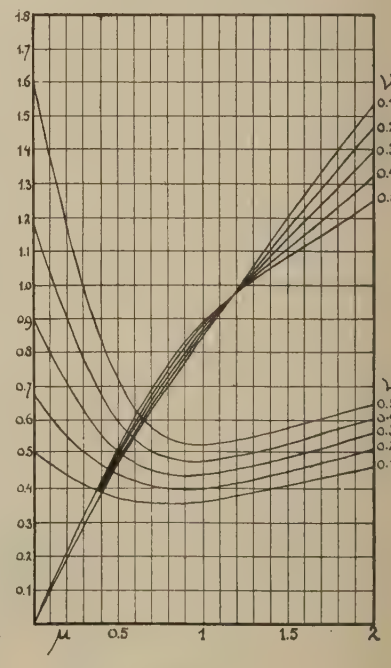


Fig. 16.

Wie diese Kurven zu benutzen sind, werde ich jetzt an einigen Beispielen zeigen. Es sei vorläufig abgesehen von der Reibung des Schreibstiftes auf dem berussten Bogen, wie das für ein optisches Seismogramm genau zutrifft. Wir wählen die Registrierung des Nordjapanischen Bebens vom 18. Oktober 1920 durch ein kleines Wiechert-Horizontalpendel aus De Bilt. Die Eigenperiode des Apparates betrug damals 4,8 Sekunden, die mechanische Vergrösserung $NS = 166$, $EW = 199$. Es handle sich erstens darum, die absolute Grösse der Amplitude des ersten Maximums der P Phase der Erdbewegung in der E—W Richtung zu bestimmen. Wir entnehmen dem Seismogramm die Absolutwerte der ersten Amplituden:

$$a_1 = 1{,}1 \text{ mm.} \qquad a_2 = 2{,}5 \text{ mm} \quad . \quad . \quad . \quad . \quad . \quad . \quad (16)$$

und die Länge der zweiten halben Welle:

$$0{,}35 \text{ mm} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (17)$$

Wir bilden den Quotienten der beiden Amplituden:

$$\frac{a_1}{a_2} = 0{,}44 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (18)$$

Im Zeitmaassstab entsprechen 6 Sekunden einem mm. Es ist also:

$$\mu' = \frac{2 \times 0{,}35 \times 6}{4{,}8} = 0{,}88 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (19)$$

Wir entnehmen nun der Figur 16 für $\frac{a_1}{a_2} = 0{,}44$ und $\mu' = 0{,}88$ die korrespondierenden ν und μ Werte und konstruieren dementsprechend in einem $\mu\,\nu$ Diagramm zwei Kurven und suchen deren Schnittpunkt (Figur 17). Die Koordinaten dieses Schnittpunktes sind die gesuchten Werte μ und ν, in diesem Falle:

$$\mu = 1{,}08 \qquad \nu = 0{,}295 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (20)$$

Nun suchen wir in Figur 15 die entsprechenden Werte für V_1 und Ph_1 und finden:

$$V_1 = 0{,}42 \qquad Ph_1 = 0{,}55 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (21)$$

Die wahre Bodenamplitude des ersten Maximums war also:

$$A_1 = \frac{1{,}1}{0{,}42 \times 166} = 0.0158 \text{ mm} = 15{,}8 \text{ micron} \quad . \quad . \quad . \quad (22)$$

Die Phasenverschiebung in Sekunden ausgedrückt:

$$\frac{0{,}55}{2\pi} \cdot 1{,}02 \cdot 4{,}8 = 0{,}43 \text{ Sekunde} \quad . \quad . \quad . \quad . \quad . \quad (23)$$

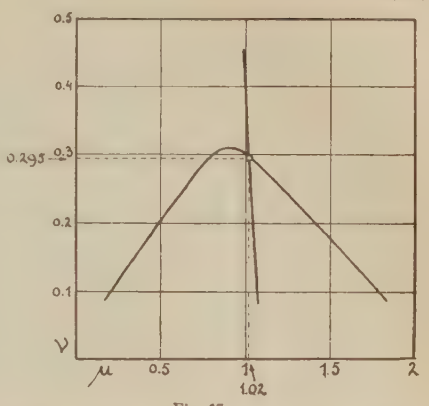


Fig. 17.

Drei solcher graphischen Rechnungen nach den Aufzeichnungen dreier Instrumente, mögen ihre Eigenperioden sein wie sie wollen, lassen uns das Azimuth des Epicentrums und den Emergenzwinkel des longitudinalen Erdbebenstrahles finden.

Die Beispiele sind gewählt nach dem Grundsatze, dass die betrachtete Phase scharf ist und vom Ruhezustande des Seismographen aus einsetzt. Bei superponierten Phasen kommt man nicht zum Ziele.

Für die *S* Phase des gleichen Bebens können wir die analoge Rechnung durchführen. Die ersten Amplituden des transversalen Einsatzes in der E W Richtung sind:

$$a_1 = 2{,}5 \; mm \qquad a_2 = 4{,}4 \; mm \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (24)$$

und die zweite halbe Welle hat die Länge:

$$0{,}5 \; mm \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (25)$$

Also erhalten wir:

$$\frac{a_1}{a_2} = 0{,}57 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (26)$$

und

$$\mu' = \frac{2 \times 0{,}5 \times 6}{4{,}8} = 1{,}25 : \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (27)$$

Wenn wir der Figur 16 für diese Quotienten die korresondierenden μ und ν Werte entnehmen, erhalten wir die beiden Kurven der Figur 18, welche sich in dem Punkte

$$\mu = 1{,}84 \qquad \nu = 0{,}385 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (28)$$

schneiden.

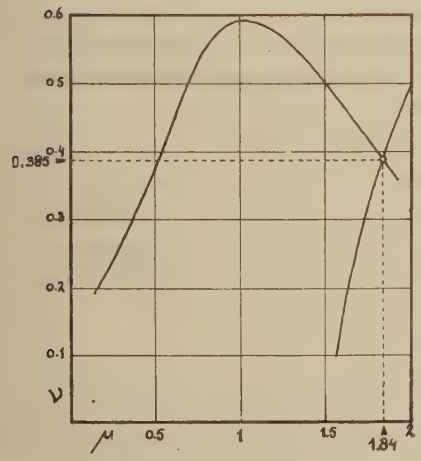


Fig. 18.

Damit erhalten wir aus Figur 15:

$$V_1 = 0{,}27 \quad Ph_1 = 0{,}85 \quad \text{u.s.w..} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (29)$$

Wenn wir die Zeitbestimmung im Seismogramm auf die höchste Präzision bringen könnten, wären wir somit einen Schritt weiter auf dem Wege der Untersuchung der wahren Bodenbewegung. Es könnten mit mehr Erfolg als bisher die Fragen nach der Polarisation der transversalen Wellen und andere in Angriff genommen werden.

Hier ist der Verlauf der Rechnung in seiner einfachsten Form dargestellt. Welchen Schwierigkeiten man etwa dabei begegnen kann, werden wir an einem zweiten Beispiele zeigen. Es seien sowohl das *N S* wie das *E W* Diagramm des Turkestaner Bebens vom 15 November 1921 zur Analyse vorgenommen und zwar die *S* Phase. Bei einem kleinen Instrumente, wie dem hierbei gebrauchten Wiechertschen 120 K.G. Pendel, und der geringen Vergrösserung und Papiergeschwindigkeit ist μ' nie mit grosser Präzision zu messen. In dem vorliegenden Falle findet man für beide Komponenten etwa;

$$\mu' = 1{,}25 \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (31)$$

Im $\mu\,\nu$ Diagramm bekommen wir jetzt zwei Kurven, welche dieselbe Kurve schneiden, und daher zwei Schnittpunkte mit den Koordinaten (Figur 19);

$$\left.\begin{aligned} \mu_1 &= 1{,}64 \quad \nu_1 = 0{,}22 \\ \mu_2 &= 1{,}76 \quad \nu_2 = 0{,}34 \end{aligned}\right\} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (31)$$

Es sollten, wenn die Quotienten a_1/a_2 verschieden ausfallen, auch die μ' verschieden sein, und zwar so, dass sich für beide Komponenten dasselbe μ ergibt. Man wird in einem derartigen Falle gut tun, den Mittelwert der

beiden μ Werte zu nehmen und aus diesem die beiden ν Werte zu konstruieren, wie es in der Figur 19 geschehen ist. Jetzt finden wir aus Figur 15:

$$\left.\begin{array}{llll} NS & V_1 = 0{,}26 & Ph_1 = 0{,}85 \\ EW & V_1 = 0{,}28 & Ph_1 = 0{,}80 \end{array}\right\} \quad \ldots\ldots\ldots\ldots\ldots (32)$$

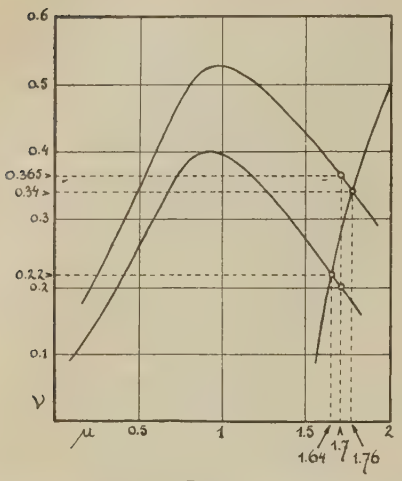


Fig. 19.

Wenn wir gar die Arbeit über drei Komponenten erstrecken, werden wir oft genötigt sein, einen Mittelwert oder einen wahrscheinlichen Wert aus drei T_p Werten zu bilden und daraus erst die entsprechenden drei μ zu berechnen und weiter die ν zu konstruieren.

Der weitaus grösste Uebelstand, den wir in der praktischen Anwendung dieser Methode zu eliminieren haben, ist der Einfluss der mechanischen Reibung des Schreibstiftes auf dem berussten Bogen. Man kann wohl behaupten, dass für die feinere Anwendung zur wissenschaftlichen Erforschung der verschiedenen Wellenarten im Erdinnern die optische Registrierung unerlässlich ist. Man wird aber immerhin bei Instrumenten, bei welcher die Reibungskraft sich als nahezu konstant erweist, mit einer etwas umständlicheren Rechnung auch zum Ziele kommen oder wenigstens eine gewisse Annäherung an das erwünschte Resultat erreichen. Aber wenn man von einer Konstanz der Reibungskraft weit entfernt ist, wie bei den meisten mechanisch registrierenden Apparaten, wird man von einer Anwendung der Methode, welche ich jetzt beschreiben will, absehen müssen, denn die Fehler wären vielleicht ebenso gross wie die, welche bei Vernachlässigung der Reibung entstehen. Beim Züricher Apparat sind die Verhältnisse in dieser Hinsicht günstig. Es würde sich lohnen, aus den Registrierungen, welche damit jetzt gemacht werden und welche erst diesen Sommer nach der Einstellung der Astatisierung ihren wahren Wert erhalten haben, eine statistische Untersuchung zu beginnen.

Wir können die Bewegungsgleichung, wenn wir eine konstante Reibungskraft einführen, allgemein schreiben:

$$\varphi'' + 2\lambda\varphi' + \mu^2(\varphi \pm \rho) = f(y) \quad \ldots\ldots\ldots\ldots\ldots (33)$$

Die Faktoren ρ für die drei Komponenten:

$$\rho_1 \quad \rho_2 \quad \rho_3 \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots (34)$$

entnehmen wir Reibungsfiguren. (Man sollte solche in regelmässigen Zeitabständen aufnehmen, oder wenigstens nach jedem bedeutenden Beben, welches man analysieren will).

ρ ist einfach der vierte Teil des Unterschiedes zweier aufeinander folgenden gleichsinnigen Maxima der Reibungskurve, wobei die Dämpfung auszuschalten ist. Wenn ρ konstant ist, sollte dieser Unterschied stets derselbe sein.

Das Integral von (33) für die Bewegung bis zum ersten Maximum ist:

$$\varphi = \bar{\varphi} + \rho\left[e^{-\lambda y}\left\{\cos\left(y\sqrt{\mu^2 - \lambda^2}\right) + 0{,}513\,\sin\left(y\sqrt{\mu^2 - \lambda^2}\right)\right\} - 1\right] \quad \ldots\ldots (35)$$

wobei $\bar{\varphi}$ nach (11) berechnet wird und positiv sein möge. Wenn der Faktor ρ eine universelle Konstante wäre, könnte man ebenso gut allgemein mit (35) wie mit (11) rechnen. Da aber ρ variabel und für verschiedene Instrumente verschieden ist, muss man ρ unbestimmt lassen. Wir wollen annehmen, dass durch die Reibung keine bedeutende Phasenverschiebung bewirkt wird, was bei kleiner Reibung erlaubt sein dürfte. Man braucht dann nur die Kurven

$$f_1 = -e^{-\lambda y}\left\{\cos\left(y\sqrt{\mu^2 - \lambda^2}\right) + 0{,}513\,\sin\left(y\sqrt{\mu^2 - \lambda^2}\right)\right\} + 1 \quad \ldots\ldots\ldots (36)$$

zu tabellarisieren und graphisch darzustellen. Dies ist in Figur 20 geschehen. Die Kurven nähern sich asymptotisch dem Werte 1. Wenn φ_1 die gemessene Amplitude im Seismogramm für das erste Maximum ist, so ist der Absolutwert der damit korrespondierenden Erdablenkung:

$$A_1 = \frac{\varphi_1 + f_1\rho}{V_1 k} \quad \ldots\ldots\ldots\ldots (37)$$

wobei V_1 den bekannten Vergrösserungsfaktor, k den mechanischen Uebersetzungsfaktor darstellt. Uebrigens gibt es für jedes ω ein A_1', wobei der Schreibstift überhaupt in Ruhe bleibt. Je länger die Erdperiode T_p ist, um so höher liegt dieser Wert:

$$A_1' = \frac{f_1\rho}{V_1 k} \quad \ldots\ldots\ldots\ldots (38)$$

Dies soll die Schwächen der Methode andeuten. Bei schwachen Einsätzen wird man hie und da das erste Maximum übersehen. Aber dann

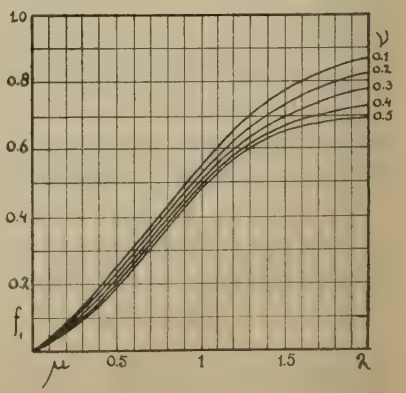


Fig. 20.

ist auch überhaupt nichts genaues zu erreichen. Will man genaue Resultate erzielen, so muss das zweite Glied im Zähler von A_1 klein sein gegen φ_1.

Wenn μ' genügend klein bleibt, d. h. wenn die Eigenperiode des Seismographen sehr gross ist im Verhältnis zur Bebenperiode, wird man zur Ermittlung des Absolutwertes des ersten Maximums meistens ohne Kenntnis des zweiten auskommen. Wenn $\mu' < 0{,}5$ ist, ist mit genügender Genauigkeit $\alpha' = \mu$, und V_1 und Ph_1 bestimmen sich eindeutig.

Bei der Bestimmung des Faktors f_1 herrscht immerhin eine gewisse Unsicherheit, aber man wird ohne weiteres einen gewissen Mittelwert von f_1 annehmen können. Damit wäre die Frage nach dem Absolutwert des ersten Maximums einer Erdbebenphase gelöst. Es zeigt sich nochmals der grosse Vorteil langperiodischer Instrumente, welche auch im allgemeinen eine viel schärfere Bestimmung von ρ erlauben als die kurzperiodischen. Doch wird selbst in diesem Fall die Bestimmung von ρ kein sehr grosses Vertrauen verdienen. Man kann nicht oft genug wiederholen, dass man, wenn es gilt, absolute Amplituden zu bestimmen, entweder optische Registrierung vorsehen oder die Vergrösserung unter der Grenze halten sollte, innerhalb der man den Einfluss der Reibung vernachlässigen darf. Nur dann sind die Diagramme wissenschaftlich korrekt verwertbar. Was das Züricher Instrument betrifft, könnten wir etwa Folgendes sagen: Wenn wir 2 *mm* als Mindestwert der Amplitude des ersten Maximums φ_1 annehmen, der sich für genaue Messung eignet, wenn wir ferner die Fehlergrenze auf 0,1 *mm* ansetzen, werden wir etwa fordern, dass der Wert

$$f_1 \varrho \quad \ldots \ldots \ldots \ldots \ldots \ldots \ldots \quad (39)$$

auch den Wert 0,1 *mm* nicht übersteigt, und da

$$f_1 < 1 \quad \ldots \ldots \ldots \ldots \ldots \ldots \ldots \quad (40)$$

ist, darf ρ höchstens 0,1 *mm* sein. Wenn wir die Vergrösserung eines Apparates verringern, wird ρ mit dem Quadrate dieser Vergrösserung abnehmen. Beim betrachteten Seismographen im heutigen Betriebe überschreitet ρ nach den Versuchen sicher nicht den Wert 2 *mm*. Wenn man also die Vergrösserung auf den

$$\sqrt{\frac{0{,}1}{2}} \; ten \quad \ldots \ldots \ldots \ldots \ldots \ldots \quad (41)$$

Teil des jetzigen Betrages 1500, also auf rund 350 reduzieren würde, könnte man auch im ungünstigsten Falle den Einfluss der Reibung innerhalb der Messungsungenauigkeit bringen, ohne befürchten zu müssen, dass die Häufigkeit der Beben, welche ein erstes Maximum $> 2\,mm$ aufweisen, zu sehr heruntergedrückt wäre.

Wenn μ' nicht so gering ist, dass man ein eindeutiges μ bestimmen kann, wird man in folgender Weise zum Ziele gelangen. Es werde wiederum angenommen, dass die Reibung auch im zweiten Maximum keine weitere Phasenverschiebung veranlasst. Dann wird man leicht den Wert bestimmen können, den man zum zweiten Maximum hinzurechnen muss, um die Amplitude zu bekommen, die ohne Reibung aufgezeichnet würde. Der Absolutwert dieser Länge beträgt:

$$\rho \left[e^{-\lambda y_2} \left\{ cos\ (y_2 \sqrt{\mu^2 - \lambda^2}) + 0{,}513\ sin\ (y_2 \sqrt{\mu^2 - \lambda^2}) \right\} \cdot \right.$$
$$\left. \cdot \left\{ - e^{-\lambda y_1} \left(cos\ (y_1 \sqrt{\mu^2 - \lambda^2}) + 0{,}513\ sin\ (y_1 \sqrt{\mu^2 - \lambda^2}) \right) + 2 \right\} - 1 \right]. \quad \ldots \quad (42)$$

wobei unter y_2 der Abstand der beiden ersten Maxima zu verstehen ist.

Wir wollen daher einen zweiten Faktor f_2 einführen:

$$f_2 = - e^{-\lambda y_2} \left\{ cos\ (y_2 \sqrt{\mu^2 - \lambda^2}) + 0{,}513\ sin\ (y_2 \sqrt{\mu^2 - \lambda^2}) \right\} \cdot$$
$$\cdot \left\{ - e^{-\lambda y_1} \left(cos\ (y_1 \sqrt{\mu^2 - \lambda^2}) + 0{,}513\ sin\ (y_1 \sqrt{\mu^2 - \lambda^2}) \right) + 2 \right\} - 1 \quad (43)$$

oder:

$$f_2 = - e^{-\lambda y_2} \left\{ cos\ (y_2 \sqrt{\mu^2 - \lambda^2}) + \right.$$
$$\left. + 0{,}513\ sin\ (y_2 \sqrt{\mu^2 - \lambda^2}) \right\} \{ f_1 + 1 \} + 1 \quad \ldots \ldots \quad (44)$$

welcher Faktor in Figur 21 graphisch dargestellt ist.

Für $y_2 = 0$ ist $| f_2 | = | f_1 |$, was ja selbstverständlich ist.

Für den Quotienten der 2 ersten maximalen Ausschläge ist also mit Rücksicht auf die Reibung zu nehmen:

$$\frac{a_1}{a_2} = \frac{\varphi_1 + f_1 \rho}{\varphi_2 + f_2 \rho} \quad \ldots \ldots \ldots \quad (45)$$

Man wird nun folgenden approximativen Weg einschlagen.

Wir messen:

$$\mu' \quad \varphi_1 \quad \varphi_2 .$$

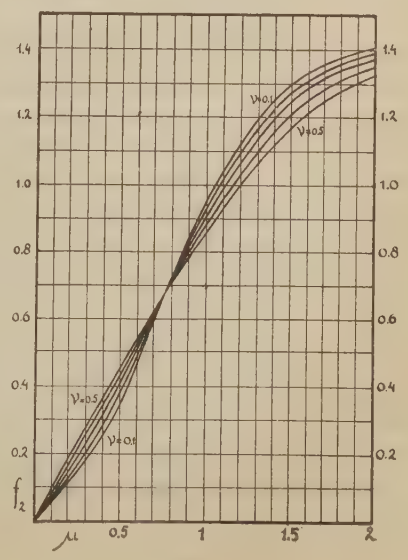


Fig. 21.

Es sei vorläufig der Mittelwert $\nu = 0{,}3$ angenommen. Damit wird man in erster Annäherung ein μ, f_1 und f_2 finden und weiter ein

$$\frac{a_1}{a_2} \quad \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \quad (46)$$

Mit Hilfe dieses Quotienten und des μ' bestimmt man jetzt nach der früheren Methode ein neues ν, μ, f_1 und f_2. Wenn man dieses Verfahren wiederholt, erhält man schliesslich feste Werte für μ und ν, mit welchen V_1 und Ph_1, die Vergrösserung und die Phasenverschiebung, bestimmt werden können. Die Konvergenz dieser Methode ist meistens sehr gut. Ein Beispiel sei zur Erläuterung gegeben. Wir wollen annehmen, der kleine Wiechertsche Apparat, von dem wir die Seismogramme untersuchen, erlaube eine genügend scharfe Bestimmung von ρ, und zwar sei:

$$\rho \cong 1 \; mm \quad \ldots \ldots \ldots \ldots \ldots \ldots \ldots \quad (47)$$

Die S Phase des Japanischen Bebens vom 10ten April 1918 setzt sehr scharf ein, und zwar finden wir:

	φ_1	φ_2	
NS	1,3	3,2 mm	$\mu' = 1{,}08$
EW	3,8	10,1 mm	

$$\ldots \ldots \ldots \ldots \ldots \quad (48)$$

Wir nehmen $\nu = 0{,}3$ an und finden $\mu = 1{,}40$, $f_1 = 0{,}67$, $f_2 = 1{,}19$ und weiter mit (45):

	$\frac{a_1}{a_2}$		μ
NS	0,449	damit	1,38
EW	0,396	„	1,34

$$\ldots \ldots \ldots \ldots \ldots \quad (49)$$

Wir nehmen den Mittelwert $\mu = 1{,}36$ und erhalten:

NS	$f_1 = 0{,}68$	$f_2 = 1{,}19$
EW	$f_1 = 0{,}73$	$f_2 = 1{,}24$

$$\ldots \ldots \ldots \ldots \ldots \quad (50)$$

und damit wiederum:

	$\frac{a_1}{a_2}$
NS	0,451
EW	0,400

$$\ldots \ldots \ldots \ldots \ldots \quad (51)$$

Diese Werte sind so wenig verschieden von denen der ersten Approximation (49), dass man das Verfahren schon hier abbrechen kann.

Wir erhalten für das erste Maximum der betrachteten S Phase

	V_1	Ph_1	A_1
NS	0,33	0,72	0,035 mm
EW	0,32	0,76	0,071 mm

$$\ldots \ldots \ldots \ldots \ldots \quad (52)$$

womit das Problem gelöst ist.

XXII. Kriterium der Zuverlässigkeit von Instrumenten verschiedener Bauart.

Es ist eine allbekannte Tatsache, dass oft 2 oder mehr Beben registriert werden, welche identischen Charakter haben, deren Kurven sogar einander zum Verwechseln ähnlich sein können. Verschiedene markante Beispiele sind im Laufe der Zeit diskutiert worden. Sie gaben Veranlassung zu der Schlussfolgerung, dass im allgemeinen ein tektonisches Beben sehr einfacher Natur sein muss, und dass das charakteristische Aussehen der registrierten Schwingungen erst von den Brechungen und Reflexionen herrührt, welche die erregte Welle auf ihrem Wege durch das inhomogene Erdinnere erleidet. Es erscheint freilich noch als fernes Ziel, aus einer mathematischen Analyse aller Seismogramme ein Bild des Erdinnern nicht nur im grossen, sondern auch in Einzelheiten zu konstruieren.[1]) Weit entfernt von der Lösung einer solchen Frage ist es angezeigt, auf eine andere Untersuchung hinzuweisen, welche sich an Hand identischer Beben durchführen lässt.

Selbstverständlich tritt die Aehnlichkeit zweier Seismogramme um so deutlicher hervor, je weniger verschieden die Amplituden in beiden sind. Diese Tatsache darf aber nicht so interpretiert werden, als ob Identität zweier Seismogramme überhaupt nur auftrete, wenn die Intensitäten der beiden Beben wenig verschieden sind. Dies möchte ich an Hand eines treffenden Beispieles zeigen, nämlich des Erdbebenschwarmes, welcher im Laufe des 15ten und 16ten August 1916 in Mittel-Italien auftrat. Es tritt dabei besonders in zwei mittelschweren Beben dieses Schwarmes die Identität der Seismogramme in solcher Schärfe hervor, dass man diese nahezu zur Deckung

[1]) A. de Quervain: Identische Seismogramme. Schweiz. Erdbebenbericht 1919.

bringen kann. Abgesehen davon, dass alle Beben dieses Schwarmes auf den gleichen Typus zurückführbar sind, scheint man übersehen zu haben, dass das Diagramm des schwersten der Beben mit den beiden schon als identisch erwiesenen Mittelschweren congruent erscheint, wenn man es im Maassstabe 1 : 10 reduziert. Figur 22 zeigt die drei N.S Galitzindiagramme, welche in de Bilt erhalten wurden. Das mittlere ist das reduzierte.

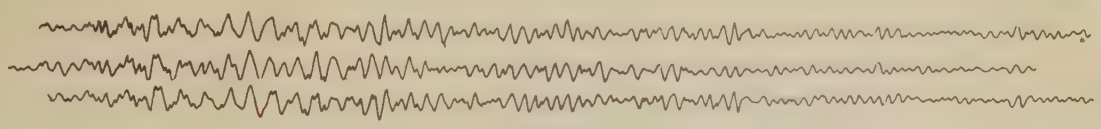


Fig. 22.

Die Aehnlichkeit mit den beiden übrigen springt dermaassen in die Augen, dass wohl niemand bezweifeln wird, dass hier ein Beispiel der Identität, sagen wir zweier Beben aufgedeckt ist, deren Intensitäten, (welche den Quadraten der Amplituden proportional sind,) sich wie 100 : 1 verhalten. Worauf ich nun aber im besondern aufmerksam machen wollte, ist folgendes. Wenn wir zwei Instrumente verschiedener Bauart besitzen und zwei identische Beben gleicher Intensität eintreffen, so wird jedes Instrument zwei identische Seismogramme entwerfen, welche aber mit Rücksicht auf die verschiedene Bauart unter sich nicht zur Deckung gebracht werden können. Wenn wir nun fragen, welches Instrument die genauere Darstellung der wahren Bodenbewegung gegeben hat, fehlt uns der Anhaltspunkt zur Entscheidung. Wir werden aber im Besitze eines Kriteriums sein, wenn zwei identische Beben verschiedener Intensität eintreffen. Wir können die beiden Seismogramme jedes Instrumentes auf gleichen Maassstab bringen. Bei keinem Instrumente wird es in diesem Falle gelingen, ihre beiden Seismogramme zur Deckung zu bringen, denn es werden nie alle Eigentümlichkeiten proportional mit den Amplituden wachsen. Also wird man ruhig behaupten können, dass dasjenige Instrument die genauere Darstellung der wahren Bodenbewegung gibt, dessen beide Seismogramme am besten zur Deckung gebracht werden können. Wie wir sehen, leistet der Galitzinsche Seismograph in dieser Hinsicht ganz sicher sehr Bedeutendes.

XXIII. Das Japanische Beben vom 1-IX-1923 und die Frage der Herdtiefe.

Meine Hoffnung, dass das grosse japanische Beben, welches Anfangs September Tokyo verwüstete, mir die erste Gelegenheit bieten würde, die skizzierte $\mu\,\nu$ Methode auf die Züricher Seismogramme mit Erfolg anzuwenden, ist leider getäuscht worden. Es waren viele Ursachen dafür vorhanden. Erstens wurden die Schreibfedern zwei Sekunden nach dem Einsatze der *P* Phase, beim Minutenzeichen, abgehoben, womit die ersten schwachen Wellen zur Verwertung verloren gingen. Zweitens zeigte eine Konstantenbestimmung, dass die Vertikalperiode des Apparates im Moment nicht höher lag als 1,5 Sekunden, die Astatisierung also nur etwas mehr als zweifach war und daher Wellen, deren Periode 3 Sekunden überstieg, durch die Beschränkung unserer graphischen Darstellungen nicht zur Behandlung tauglich waren. Es kam nur der Anfang der *P* Phase mit seinen kurzen Wellen für die Theorie in Betracht. Aber die *P* Phase zeigt nur ein chaotisches Gemisch von superponierten Wellen, aus welchen nur *eine* brauchbare Stelle, einige Sekunden nach dem ersten Minutenzeichen, herausgeschält werden konnte. Gegen Verwendung dieser Stelle kann man mit Recht das grösste Mistrauen hegen. Die Amplituden sind nämlich sehr gering. Deswegen spielt die Reibung eine überwiegende Rolle. Weiter ist ein μ' nur im Vertikalseismogramm mit einiger Sicherheit zu bestimmen, und die Schreibfedern waren vor dem Einsatz der betreffenden Welle schon nicht in der Nulllage und nicht ganz ruhig. Dagegen hat man den Vorteil, wohl behaupten zu können, dass an der betrachteten Stelle eine neue longitudinale Welle einsetzte. Auch war der Einfluss der microseismischen Bewegung gänzlich zu vernachlässen.

Ungeachtet der vielen Fehler, welche einer Azimuth-und Emergenzwinkelbestimmung unter diesen ungünstigen Umständen anhaften müssen, wollte ich nicht versäumen, dieses Beispiel anzuführen, um zu zeigen, wie man immerhin, tastend, einen Weg finden kann zur Beantwortung der Fragen, welche uns hier beschäftigen.

Es ergab sich:

	T	ρ	μ'	φ_1	φ_2
NS	3,23	1,21	—	1,8	1,5
EW	2,97	1,66	—	1,1	0,1
V	1,5	2,5	0,94	0,9	1,1

. . . . . (1)

Mit dem μ' Werte für die Vertikalperiode hängt glücklicherweise eindeutig zusammen $\mu = 1{,}1$ und daher ist:

$$T_p = 1{,}65 \text{ Sek.} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (2)$$

Daraus entnehmen wir jetzt:

	μ	
NS	0,51	(3)
EW	0,56	

und eindeutig:

	V_1	
NS	0,66	(4)
EW	0,62	

$\varphi_2 = 0{,}1$ aus dem EW Diagramme entspricht in seinem Verhältnisse zu φ_1 nicht den logischen Erwartungen. Es könnte durch irgendwelche Ursache gefälscht sein. Ob dem so ist, wäre kaum zu entscheiden. Das Rechnen mit $\varphi_2 = 0{,}1$ geht aber auch nicht. Wir beschäftigen uns darum vorläufig nur mit NS und V.

Die vorläufige Annahme $\nu = 0{,}3$ liefert uns:

	f_1	f_2	$\frac{a_1}{a_2}$	
NS	0,22	0,42	1,03	(5)
V	0,55	0,99	0,63	

Der Wert $\nu = 0{,}3$ erscheint mit den Werten für a_1/a_2 unverträglich. Eine Extrapolation der Figur 16 zeigt vielmehr den Wert $\nu = 0{,}7$ für beide Komponenten als zweite Annäherung.

Damit erhalten wir:

	f_1	f_2	$\frac{a_1}{a_2}$	
NS	0,17	0,49	0,96	(6)
EW	0,50	0,89	0,64	

Diese Werte für a_1/a_2 erscheinen immer noch sehr wohl mit dem Werte $\nu = 0{,}7$ verträglich. Wir können uns daher eine weitere Annäherung ersparen. Wo in beiden Komponenten $\nu = 0{,}7$ erscheint, erlauben wir uns, diesen Wert auch für die EW Komponente gültig zu erklären. Die endgültige Zusammenstellung ist daher:

	μ	ν	V_1	A_1	
NS	0,51	0,7	0,65	$3{,}09 : k_1$	
EW	0,56	0,7	0,62	$2{,}31 : k_2$	(7)
V	1,1	0,7	0,41	$5{,}25 : k_3$	

wo $k_1\ k_2\ k_3$ die bezüglichen mechanischen Uebersetzungsfaktoren darstellen. Wenn wir:

$$k_1 = k_2 \qquad (8)$$

setzen, was angenähert der Fall ist, erhalten wir für den Tangens des Winkels zwischen der Richtung NS und der Richtung nach dem Epicentrum hin:

$$\frac{2{,}31}{3{,}09} = 0{,}75 \qquad (9)$$

Der Tangens dieses Winkels betrug in Wirklichkeit 0,78. Das Resultat ist befriedigend; indessen ist zu bedenken, dass möglicherweise bedeutende Fehler sich kompensiert haben. Der Emergenzwinkel kann erst bestimmt werden, wenn wir k_3 kennen, was leider zur Zeit noch nicht mit genügender Genauigkeit der Fall ist.

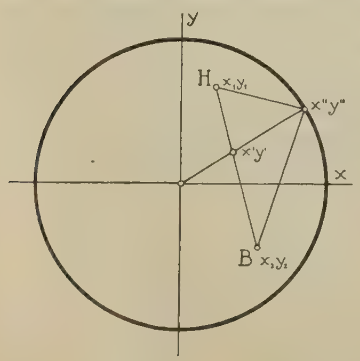


Fig. 23.

Es solten jetzt noch einige Bemerkungen angebracht werden, welche ich beim Studium der Züricher Diagramme des besprochenen Bebens zu machen Anlass fand.

Wir betrachten zwei Punkte $H\ (x_1\, y_1)$, $B\ (x_2\, y_2)$ in der Erdkugel, deren Radius r betragen möge (Figur 23). In H sei der Herd eines Bebens, in B sitze ein fiktiver Beobachter. Es mögen die Erdbebenstrahlen gerade Linien sein. Wie viel einmal reflektierte Wellen wird B nach der direkten Welle wahrnehmen? Es ist das Problem des kreisförmigen Billiards. Um die Frage zu entscheiden, ziehen wir einen Radius

$$y = \mu x \qquad (10)$$

Der Endpunkt dieses Radius sei $x''\, y''$ und der Radius schneide die Verbindungslinie der Punkte $x_1\, y_1$ und $x_2\, y_2$ im Punkte $x'\, y'$. Wenn wir nun fordern:

$$\frac{(x_1 - x')^2 + (y_1 - y')^2}{(x_2 - x')^2 + (y_2 - y')^2} = \frac{(x_1 - x'')^2 + (y_1 - y'')^2}{(x_2 - x'')^2 + (y_2 - y'')^2} \qquad (11)$$

ist $x'' y''$ ein einmaliger Reflexionspunkt an der Oberfläche, mit Ausnahme der Schnittpunkte der Geraden durch $x_1 y_1$ und $x_2 y_2$ mit dem Kreisumfange, welche beiden trivialen Fälle in der Forderung (11) mit enthalten sind.

Wir können $x_1 y_1 x_2 y_2$ noch einer Bedingung unterwerfen, ohne die Allgemeinheit des Resultates zu beeinträchtigen und wählen:

$$x_1 = x_2 = x_0 \quad \ldots \ldots (12)$$

Dann erhalten wir die folgende Gleichung 6ten Grades in μ:

$$(\mu^2 x_0^2 - r^2 + x_0^2)\{\mu^4 x_0^2 [4 r^2 - (y_1 + y_2)^2] - 4 \mu^3 x_0 (y_1 + y_2)(x_0^2 - y_2 y_2 + r^2) + \mu^2 [(y_1 + y_2)^2 (2 x_0^2 + r^2) - 4 (x_0^2 - y_1 y_2)^2 + 4 r^2 x_0^2] - 4 \mu x_0 (y_1 + y_2)(- x_0^2 + y_1 y_2 + r^2) + (r^2 - x_0^2)(y_1 + y_2)^2\} = 0 \quad \ldots (13)$$

Der erste Faktor der linken Seiten gleich 0 gesetzt, liefert uns die beiden trivialen Schnittpunkte, welche uns nicht beschäftigen. Der zweite Faktor liefert uns 4 weitere Wurzeln, welche, wie man mit einer der bekannten Regeln leicht beweisen kann, alle reell sein können und unserm Problem genügen. Die Möglichkeit der Realität der 4 Wurzeln wird auch augenblicklich klar an dem einfachen Beispiele, wo H und B auf der gleichen Mittellinie im gleichen Abstande vom Centrum liegen. Der Beobachter in B verzeichnet also 4 einmal reflektierte Wellen. Wenn B an der Erdoberfläche beobachtet, wird von den 4 einmal reflektierten Wellen eine mit der direkten Wellen zusammen fallen und aus der Betrachtung verschwinden. Es bleiben also drei einmal reflektierte Wellen übrig. Wenn wir den Herd ebenfalls an die Oberfläche verlegen wird B nur zwei solche Wellen beobachten, mit denen man schon längst immer gerechnet hat. Auf die dritte, welche aber auch durchwegs auftreten muss, weil H immer in gewisser Tiefe unter der Erdoberfläche gelegen ist, möchte ich hier besonders aufmerksam machen. Es wird diese Welle ganz dicht hinter der direkten herlaufen, weil die Herdtiefen nur sehr beschränkt sind, und die Verspätung ist aus demselben Grunde gleich der Zeit, welche die Welle braucht, um zweimal die Herdtiefe zu durchlaufen. Diese Betrachtung behält natürlich ihre Gültigkeit, wenn die Erdbebenwellen sich nicht geradlinig fortpflanzen. Das Durchlaufen der Schichten über dem Herde durch den indirekten Strahl geschieht vor und nach der Reflexion unter dem gleichen Winkel. Da nun aber, wenn H dicht unter der Oberfläche liegt, der reflektierte Strahl nahezu mit dem direkten zusammenfällt, ist dieser Winkel nahezu gleich dem Winkel, unter welchem der direkte Strahl nach rückwärts verlängert die Oberfläche trifft, und aus Symmetriegründen gleich dem Emergenzwinkel bei B.

Es fragt sich, ob wir diese Welle beobachten können. Wenn dem so wäre, hätten wir ein sehr wichtiges Mittel in der Hand, die Herdtiefe aus einem Seismogramm herauszulesen. Wir brauchten nur die halbe Zeitdifferenz des Eintretens der direkten Welle und der reflektierten mit der bekannten Geschwindigkeit der betreffenden Wellen in den äussersten Schichten der Erdrinde und mit dem Sinus des Emergenzwinkels zu multiplizieren.

Wenn wir nun die Figur 24, welche den Einsatz der longitudinalen Wellen des Japanischen Bebens im Vertikalseismogramm des in dieser Arbeit betrachteten Zürcher Instrumentes vergrössert wiedergibt, aufmerksam betrachten, so ist die Wiederholung des Gebildes 1 - 1 in 2 - 2 augenfällig. Ich will vorsichtshalber nicht endgültig behaupten, 1-1 sei die direkte Welle, 2-2 die darüber gelagerte einmal reflektierte Welle, sondern nur die Aufmerksamkeit auf diese Eigentümlichkeit lenken, denn die direkte Bestimmung der Herdtiefe wäre ungemein wertvoll. Wenn wir unsere Vermutung rechnerisch verfolgen, ist zu bemerken, dass die korrespondierenden Wellen einander im Zeitabstande 7.0 Sekunden nacheilen. Wenn wir dann die Geschwindigkeit der longitudinalen Wellen in den äusseren Erdschichten, neueren Anschauungen entsprechend, etwa mit

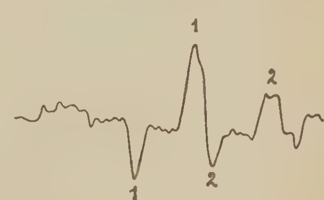


Fig. 24.

$$6 \, {}^{KM}/_{Sek} \quad \ldots \ldots (14)$$

ansetzen, und den Tabellen den Emergenzwinkel:

$$68^\circ = arc\,sin\;0.92 \quad \ldots \ldots (15)$$

entnehmen, erhalten wir für die Herdtiefe $h = 3{,}5.6.0{,}92$ oder

$$h = 20 \text{ KM} \quad \ldots \ldots (16)$$

Die Herdtiefe wäre demnach 20 KM, ein durchaus annehmbares Resultat.

XXIV. Bemerkungen.

Wir müssen zum Schlusse nochmals darauf hinweisen, dass der grosse Züricher Seismograph in erster Linie entworfen wurde zur Erzielung genauer Angaben über die Alpenbeben. Die starke Vergrösserung, welche mit diesem Apparate erreicht werden kann, ist also durchaus am Platze und sollte für die Zwecke, zu welchen er gebaut wurde, nicht verringert werden. Selbst schwache Engadiner- und Walliserbeben werden, wie in dem

schon genannten kurzen Referate zu lesen ist, mit einer scharfen *P* Phase registriert. Für Zeitangaben und Distanzschätzungen ist der Apparat auch in Bezug auf Fernbeben besonders gut geeignet. Die mechanische Registrierung hat den Vorteil, eine besonders feine Kurve zu liefern, deren geringste Ausbuchtungen mit Schärfe wahrgenommen werden können. Wenn man nun aber ein solches Instrument besitzt, welches nach seiner Ausstattung zu den vorzüglichsten und nach seiner Masse zu den schwersten gehört, wird man sich im Interesse der Wissenschaft bemühen, alle Angaben von dem Instrumente zu fordern, welche es zu liefern im stande ist. Aus diesem Gesichtspunkte heraus sahen wir, *dass es besonders wertvoll sein müsste, den Apparat einige Jahre lang Angaben über die Fernbeben sammlen zu lassen, während welcher Zeit man seine Vergrösserung auf 350 herabsetzen sollte, damit man vom Einflusse der mechanischen Reibung abstrahieren kann.*

Mit grösserer Sorgfalt, als es bis jetzt geschah, könnte man den Emergenzwinkel eines longitudinalen Strahles bestimmen und die Frage nach der Polarisation des transversalen Strahles in Angriff nehmen, denn mit der entwickelten Methode lässt sich die Phasenverschiebung der Schreibstiftbewegung gegenüber der Erdbewegung schärfer beurteilen, als es möglich ist, wenn man sich auf reine Sinuswellen beschränkt, wie das bisher üblich war.

Was man aber dazu noch vielleicht erreichen könnte, wäre eine Klassifikation der Erdbebentypen nach dem Azimuth oder der Distanz des Epizentrums. Es wäre nicht ausgeschlossen, dass bestimmte Werte für μ oder ν auf eine bestimmte Lage des Epizentrums hindeuten. Wenn eine statistische Untersuchung dies zeigen würde, hätte man eine neue Richtlinie zur Interpretation der Seismogramme. Die Grösse ν hängt unmittelbar zusammen mit dem mehr oder weniger schnellen Abklingen einer Erzitterung, welche sich an der Stelle des Beobachters kund gibt. Vielleicht liegt also darin eher ein Maass für die Härte oder Weichheit des Untergrundes des Observatoriums als für den Charakter des ersten Anstosses im Herde. Es zeigen sich da viele Probleme, die einer Lösung harren.

Möge die hier gegebene $\mu\,\nu$ Methode der seismologischen Wissenschaft ein kleines Hilfsmittel in die Hand geben, um die wahre Bewegung eines Punktes der bebenden Erdoberfläche zu bestimmen.

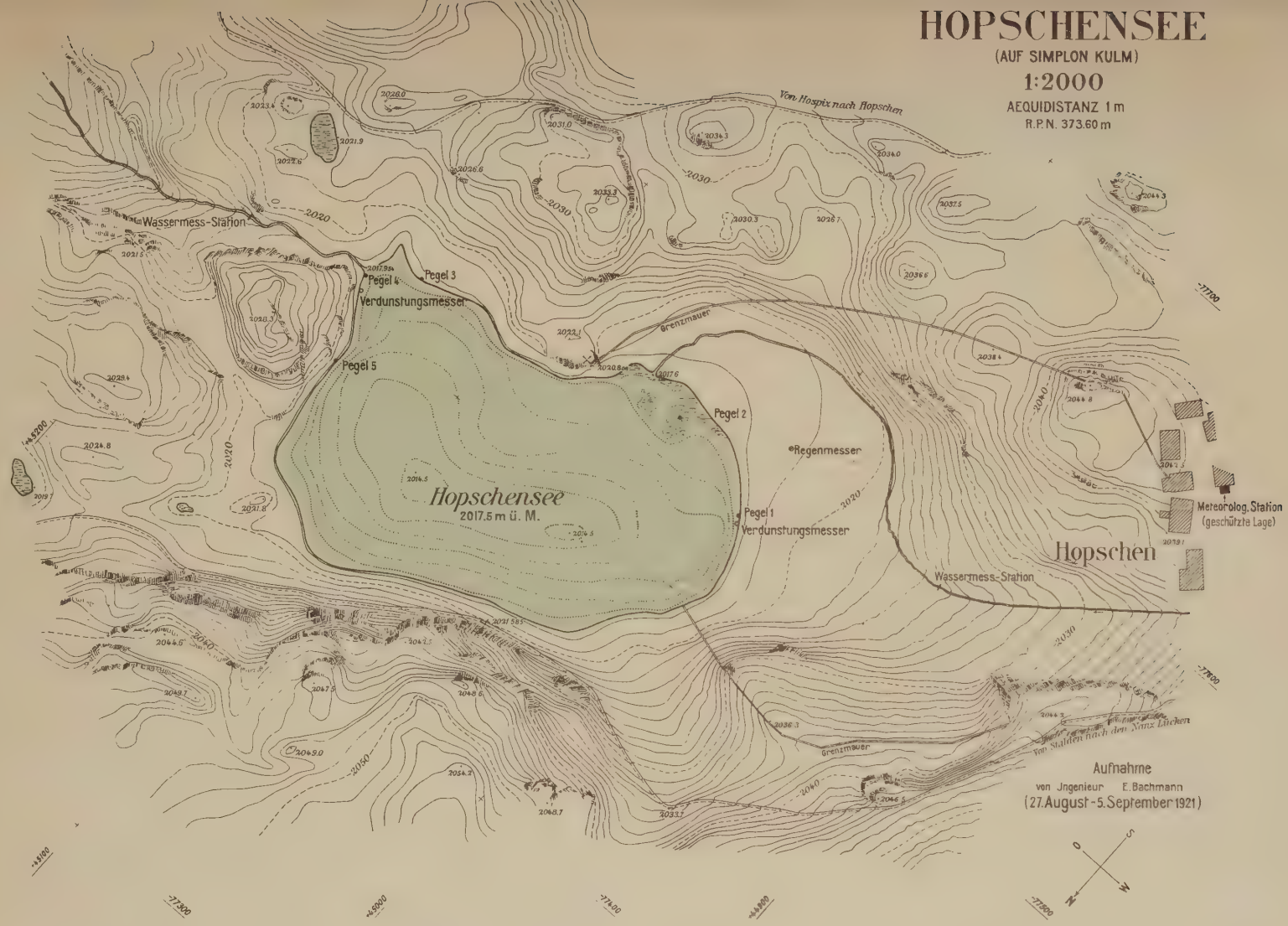
HOPSCHENSEE

(AUF SIMPLON KULM)

1:2000

AEQUIDISTANZ 1 m

R.P.N. 373.60 m



Flächeninhalt des Einzugsgebietes des Hopschensees = 295 000 m²

Seefläche = 13 200 m² = 4,5 % des Einzugsgebietes

Seevolumen = 22 800 m³

Mittlere Tiefe = 1,73 m

Maximale Tiefe = 3,0 m

Nr. 6.

Einige Ergebnisse über die Verdunstungsgrösse freier Wasserflächen im schweizerischen Hochgebirge.

Von **J. Maurer** und **O. Lütschg.**

Einleitung.

Bald nach unseren ersten Versuchen, die Grösse der jährlichen Verdunstung auf einzelnen nordalpinen Seen[1]) in den Jahren 1911 und 1912 durch eine direkte hydrometrische Vermessung in erster Näherung festzustellen — es standen damals nur bescheidene Mittel für diese Arbeit zur Verfügung — nahm das Eidg. Amt für Wasserwirtschaft die Angelegenheit in weit ausgedehnterem Masse wieder auf; letzteres Amt stellte auch die nötigen Kräfte und finanziellen Mittel dafür bereit.*) In solch wichtigen Fragen, wo es sich um grössere Aufgaben der Hydrographie, wie auch einer älteren, vielseitigen Disziplin, der Meteorologie handelt, ist ein Zusammengehen beider ja unerlässlich. Die jüngsten so bedeutenden Studien[2]) unseres nordischen Kollegen Axel Wallén über Niederschlag, Abfluss und Verdunstung im schwedischen Gebirge, zeigen dies unzweideutig.

Die Verfasser waren sich wohl bewusst, dass Messungen über die Verdunstung freier Wasserflächen für die Hochregion ausserordentlich mühsam und schwierig auszuführen sind und dass sie gerade deshalb noch gänzlich fehlen, sofern es sich um längere, sorgfältige Beobachtungen handelt: bei umfassenden wasserwirtschaftlichen Berechnungen, Konstruktionen von Neuanlagen u. s. w. (im Hochgebirge) konnte der Verdunstungsgrösse bis zur Stunde niemals genügend Rechnung getragen werden. Auch nur durch innige Verbindung von Verdunstungsmessung mit Erhebungen über Niederschlag und Abfluss, wird es möglich sein, die grossen noch bestehenden Lücken in der Lehre vom Wasserhaushalt der Natur allmählich auszufüllen.

Ueber das Programm und die ganze Anlage der Arbeit tauschten die Verfasser von Anbeginn ihre Ansichten und Erfahrungen auf diesem weitläufigen Gebiete gegenseitig aus. Die praktischen Arbeiten standen seit dem Jahre 1915 unter Leitung von Herrn Oberingenieur Otto Lütschg, der seit 1. April 1924 unserer Zentralanstalt als Hydrologe attachiert ist. Ein Einblick in die reichen, erhaltenen Ergebnisse folgt nachstehend in Kürze.

Wer je mit einer hydrometrischen Vermessung sich beschäftigt hat, die den Zweck verfolgt, aus Zu-, Abfluss und Wasserspiegelschwankung die totale Verdunstung eines Sees zu ermitteln, weiss zur Genüge, mit welchen Hindernissen dies verbunden ist. Nur wenige Seen eignen sich dafür, und derartige Versuche können nur in Ausnahmefällen zur Durchführung gelangen. Unsere Messungen an den hochgelegenen Simplonseen (vornehmlich dem Hopschensee, 2017 m ü. M.) stehen in dieser Hinsicht bis heute vielleicht einzig da; sie beweisen aufs neue die fast unüberwindlichen Schwierigkeiten des Verdunstungsproblems.

Um solch wichtige Versuche auf eine möglichst breite Basis zu stellen, haben wir neben den Hopschensee-Messungen gleichzeitig auch Versuche mit Atmometern ausgeführt. Als solche wurden Glasschalen und poröse Toncylinder (Livingston'sche Atmometer) durchwegs verwendet. Die Versuche verfolgten ausserdem den Zweck, eine praktische Methode zur Ermittlung der Verdunstung an hochalpinen Seen zu gewinnen. Natürlich wird es auch im Hochgebirge, trotz grösster Sorgfalt und geschicktester Versuchsanordnung, kaum je möglich sein, den mannigfaltigen Verhältnissen der freien Natur gerecht zu werden. Das soll uns aber doch nicht hindern, der schwierigen Aufgabe mit Hingebung dennoch unsere besten Kräfte und Erfahrungen zu widmen.

*) Durch eine bundesrätliche Verordnung vom 6. Mai 1924 gehen die durch das Amt für Wasserwirtschaft ausgeführten Erhebungen über Verdunstung in das Eigentum der Meteorologischen Zentralanstalt über.

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[1]) „Schweiz. Wasserwirtschaft" Bd. IV. No. 8 (1912) und Bd. V No. 11 (1913).

[2]) Axel Wallén: Le débit des fleuves suédois et le rapport de ce débit avec l'eau tombée. (Geogr. Annaler 1924 No. 1). Axel Wallén: L'eau tombée dans la haute montagne de la Suède. (Geogr. Annaler 1923 No. 1).

I. Verdunstungsmessungen im Saastal (Vispgebiet, Wallis).

Die Verdunstungsgrösse wurde auf verschiedene Art bestimmt:

A) mittelst offener, kreisförmiger Gefässe aus Zinkblech von 30 und 50 cm Durchmesser und Tiefe;

B) mittelst poröser Toncylinder (Livingston'sche Atmometer) und Schalen aus Glas[1]) von 24 und 28 cm Durchmesser und 8 cm Tiefe.

A) Mittelst Zinkgefässen.

Die Messungen erfolgten am Mattmarksee in den Sommern 1915 und 1916 in einer Höhenlage von rund 2100 m über Mittelmeer. Die Gefässe durften, der täglichen Periode der Wasserstandsbewegung des Mattmarksees wegen, nur bis auf durchschnittlich 10—20 cm Randhöhe in das Seewasser eingetaucht werden. Der oft sehr starken und plötzlich eintretenden Wellenbewegung in den Gefässen wegen, konnten sie meist nur 50—100 $^{m}/_{m}$ unter Rand gefüllt gehalten werden. Die Aufstellung der Gefässe erfolgte im Bereich des nördlichen Seendes, nicht unweit des Seeausflusses, die Messung der Verdunstungshöhe ($^{m}/_{m}$) mittelst des Abstichverfahrens. Im allgemeinen stimmten die Wassertemperaturen im Gefäss mit denjenigen des Sees ausserhalb des Gefässes überein, vereinzelte Unterschiede, namentlich bei oder nach heiterem, warmem Wetter, in positivem und negativem Sinne, konnten festgestellt werden. Ein ungleicher Einfluss des Randes am grossen und kleinen Gefäss kam nicht zum Ausdruck. Der Genauigkeitsgrad einer einzelnen Abstichserie — es gelangten von bestimmten Abstichmarken aus je 4—8 Einzelabstiche zur Ausführung — betrug ca. $\pm$ 0,2 mm. Trotz der grossen Sorgfalt, die auf die vorliegenden Vermessungen verwendet wurde, konnten der besonderen freien Lage dieses Hochgebirgssees und seines eigenartigen Charakters wegen (starke, plötzlich einsetzende Winde, die den Mattmarksee charakterisierende tägliche Periode des Wasserstandes, ungenügende Beaufsichtigung, Störungen durch Tiere) nur wenige Beobachtungen als einwandfrei anerkannt und für die Ermittlung der Verdunstungsgrösse Verwendung finden.

a) Ergebnisse vom Mattmarksee 1915.[2])

(Mittelst Zinkgefässen.)

1. Periode: 25. Juni $15^{h}30$ bis 26. Juni $17^{h}50$. Mittlere Wassertemperatur = 7.7°[3]). Verdunstung = 4.5 $^{m}/_{m}$ (pro 24 Stunden = 4.1 $^{m}/_{m}$). Witterung: 25. VI. bedeckt; 26. VI. erst heiter, dann nach und nach bewölkt, warm, leichter Nordwind.

2. Periode: 29. Juni $10^{h}45$ bis 30. Juni $17^{h}53$. Mittlere Wassertemperatur = 7.1°. Verdunstung = 4.6 $^{m}/_{m}$ (pro 24 Stunden = 3.6 $^{m}/_{m}$). Witterung: 29. VI. leicht bewölkt, schwacher Nordwind. 30. VI. bis 9^{h} Nebel, dann Nordwind, bewölkt bis bedeckt.

3. Periode: 2. Juli $7^{h}50$ bis 4. Juli $17^{h}30$. Mittlere Wassertemperatur = 7.3°. Verdunstung = 11.5 $^{m}/_{m}$ (pro 24 Stunden = 4.8 $^{m}/_{m}$). Witterung: 2. VII. erst leichter Nebel, dann bewölkt, über Tag starker Nordwind; 3. und 4. VII. sehr schön.

4. Periode: 12. Juli $15^{h}35$ bis 13. Juli $8^{h}19$. Mittlere Wassertemperatur = 9.8°. Verdunstung = 4.35 $^{m}/_{m}$ (pro 24 Stunden = 6.2 $^{m}/_{m}$). Witterung: 12. VII. sehr schön, warm, im Tal leichter Nordwind, in der Höhe Nordwest. 13. VII. bedeckt.

5. Periode: 15. Juli $8^{h}44$ bis 16. Juli $7^{h}55$. Mittlere Wassertemperatur = 5.9°. Verdunstung = 2.6 $^{m}/_{m}$ (pro 24 Stunden = 2.7 $^{m}/_{m}$). Witterung: 15. VII. am Morgen ziemlich hell, nachmittags bedeckt, von 16^{h} an leichter Regen. Nordwind, kühl. 16. VII. am Morgen bedeckt, Nordwind. Von 9^{h} an hell, leicht bewölkt. Nachmittags Südwind.

6. Periode: 16. Juli $7^{h}55$ bis 17. Juli $8^{h}47$. Mittlere Wassertemperatur = 7.7°. Verdunstung = 4.05 $^{m}/_{m}$ (pro 24 Stunden = 4.0 $^{m}/_{m}$). 16. VII. abends bedeckt, starker Südwind. 17. VII. am Morgen leicht bewölkt, starker Südwind.

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[1]) Munke hat in Gehler's physikal. Wörterbuch die älteren Methoden der Verdunstungsmessung ausführlich beschrieben. Die Verwendung von Glasschalen zu solchen Messungen geht ziemlich weit zurück; ein hübscher Beitrag dazu findet sich schon in der kleinen Schrift: „Beobachtungen über Verdunstung im Sommer 1859, angestellt von Eihlhard Schulze. Eine von der philos. Fakultät zu Rostock am 28. Februar 1860 gekrönte Preisschrift, 4. Rostock, 1860".

[2]) Beobachtungen von Ingenieur S. Erismann, Zürich.

[3]) Mittelwerte aus den Morgen- und Abendbeobachtungen.

5.+6. Periode: 15. Juli 8h44 bis 17. Juli 8h47. Mittlere Wassertemperatur = 7.2°. Verdunstung = 6.65 m/m (pro 24 Stunden = 3.35 m/m).

7. Periode: 18. Juli 11h51 bis 19. Juli 9h44 Grosses Gefäss. Mittlere Wassertemperatur = 5.8°. Verdunstung = 3.7 m/m (pro 24 Stunden = 4.0 m/m).

18. Juli 11h41 bis 19. Juli 9h23. Kleines Gefäss. Mittlere Wassertemperatur = 5.8°. Verdunstung = 3.0 m/m (pro 24 Stunden = 3.3 m/m). Mittelwert pro 24 Stunden aus grossem und kleinem Gefäss = 3.65 m/m. Witterung: 18. VII. morgens bedeckt, nachm. hell, starker Nordwind. 19. VII. sehr schön, leichter Nordwind den ganzen Tag.

8. Periode: 11. Sept. 9h50 bis 23. Sept. 10h30. (12 Tage + 1 Stunde). Mittlere Wassertemperatur = 7.4°. Grosses Gefäss: Verdunstung = 25.6 m/m. Kleines Gefäss: Verdunstung = 22.1 m/m. Mittelwert = 23.8 m/m (pro 24 Stunden = 2.0 m/m). Witterung: Wolkenlos, vereinzelte leichte Nordwinde im Tal, ausgenommen Regenperiode vom 14./15. IX. Niederschlag zwischen dem 14. IX. 13h28 und dem 15. IX. 10h19 = 3.1 m/m.

b. Ergebnisse vom Mattmarksee 1916. [1])

(Mittelst Zinkgefässen.)

1. Periode: 12. Juli 11h40 bis 17. Juli 14h40. (5 Tage + 3 Stunden). Mittlere Wassertemperatur = 8.0°. Verdunstung = 14.25 m/m (pro 24 Stunden = 2.8 m/m). Witterung: 2 Tage heiter, 3 Tage bedeckt, wovon einer mit Aufhellung und 1 1/2 Tage mit leichtem Regen, 4 Tage Nordwind, 1 Tag Südwind, 4 milde Tage, 1 kalter Tag. Gemischte Periode.

2. Periode: 18. Juli 8h25 bis 21. Juli 15h15. (3 Tage + 7 Stunden.) Mittlere Wassertemperatur = 8.9°. Verdunstung = 11.25 m/m (pro 24 Stunden = 3.4 m/m). Witterung: 2 1/2 Tage heiter, 1 Tag bedeckt mit Aufheiterung. 2 1/2 Tage Nordwind, 1 Tag Südwind. Warme Periode ohne Niederschläge.

3. Periode: 1. Aug. 9h50 bis 9. Aug. 10h55. (8 Tage + 1 Stunde). Mittlere Wassertemperatur = 7.2°. Verdunstung = 24.25 m/m (pro 24 Stunden = 3.0 m/m). Witterung: 8 Tage heiter, abgesehen von einigen bedeckten Stunden des 1. VIII. 7 Tage Nordwind, 1 Tag Südwind, 5 warme, 2 kalte Tage.

4. Periode: 9. Aug. 10h55 bis 14. Aug. 13h45. (5 Tage + 3 Stunden.) Mittlere Wassertemperatur = 7.7°. Verdunstung = 8.25 m/m (pro 24 Stunden = 1.6 m/m). Witterung: 2 1/2 Tage heiter, 1 1/2 Tage bedeckt mit Aufheiterung, 1 Tag und 2 Nächte Regen und Nebel. 2 1/2 Tage Nordwind, 1 1/2 Tage Südwind, 1 Tag calme, 1 Tag warm, 4 Tage kalt. Allgemein: kalte Periode.

5. Periode: 19. Aug. 16h45 bis 28. Aug. 17h40. (9 Tage + 1 Stunde.) Mittlere Wassertemperatur = 7.1°. Verdunstung = 14.85 m/m (pro 24 Stunden = 1.6 m/m). Witterung: 6 Tage heiter (2 davon etwas bewölkt), 3 Tage bedeckt, wovon einer mit Regen, die beiden andern mit Aufhellung und kleinen Niederschlägen. 7 Tage Nordwind, 1 Tag Südwind, 1 Tag calme, 4 milde, 5 kalte Tage. Gemischte Periode.

B) Mittelst poröser Toncylinder und Schalen aus Glas.

a. Ergebnisse aus verschiedenen Höhenlagen des Saastales (Vispgebiet, Wallis).

Beobachtungsstationen: Visp, 656 m ü. M.; Stalden, 810 m ü. M.; Balen, 1490 m ü. M.; Almagel, Stadel, 1690 m ü M. und Wiese, 1680 m ü. M.; Saas-Fee, 1800 m ü. M.; Mattmark, Seebene, 2109 m ü. M.; Hotel Mattmark, 2120 m ü. M.; Allalingletscher, 2130 m ü. M. und Allalinmoräne, 2140 m ü. M. * (*: Siehe Seite 249)

Für die Messung der Verdunstungsgrösse in verschiedenen Höhenlagen gelangten poröse Toncylinder-Atmometer zur Anwendung[2]). Sämtliche Apparate kamen in möglichst freier Lage, ca. 70 cm über dem

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[1]) Den Beobachtungsdienst im Sommer 1916 besorgten erst R. Boissier, Genf, dann Prof. Dr. R. Mellet, Lausanne, letzterer übernahm auch die Verarbeitung des gesamten Materials 1916.

[2]) Der Verdunstungsapparat besteht im Wesentlichen aus einem 13 cm langen, oben geschlossenen, eiförmig zugespitzten, unten mit verdicktem Rand versehenen Toncylinder, der durch eine Röhre mit einem tiefer liegenden Wasserreservoir in Verbindung steht. Die Wand des Toncylinders ist 3—4 m/m dick, der verdickte Rand doppelt so stark. Die Toncylinder sind weiss und haben eine glatte, aufsaugende äussere Oberfläche. Geschlossen ist der Cylinder durch einen Gummipropfen, der die bis auf den Boden gehende Verbindungsröhre mit dem Reservoir trägt. Zwischen dem Reservoir und dem Becher ist in die Röhre ein Quecksilberventil eingeschaltet. Diese ermöglicht dem Wasser leicht, vom Reservoir zum Toncylinder zu strömen, nicht aber umgekehrt. Vom Gummistöpsel geht noch eine zweite Glasröhre aus, ebenfalls mit einem Quecksilberventil, welche die Zirkulation des Wassers vom Tonbecher weg nach aussen gestattet und in Funktion tritt, sobald die Tonzelle mit ihrer Oberfläche Wasser (Regen) aufnimmt. Die Flasche und der Cylinder werden mit destilliertem Wasser gefüllt und hierauf der Gummistöpsel mit den Röhren fest eingesetzt. Dann wird durch Saugen an der zweiten Glasröhre die Luft entfernt, sodass sich der Cylinder und die Ventile mit Wasser füllen. Das zweite Quecksilberventil dient eigentlich nur zur Füllung mittelst Saugens.

Als Meßeinheit wurde die Volumengrösse von 1 cm³ gewählt. Ihre Zahl ergibt sich durch Nachfüllen destillierten Wassers im Reservoir mittelst eines geprüften Maßcylinders bis in die Höhe einer gut sichtbaren Marke an einem engen Glasröhrchen des Apparates.

Boden, zur Aufstellung. Um einen Vergleich in Hinsicht auf die Genauigkeit der Apparate zu erhalten, wurden die Stationen Visp und Almagel mit je zwei Apparaten ausgerüstet und in Entfernungen von je zwei Meter nebeneinander aufgestellt. Die Messungen bezw. Nachfüllungen erfolgten morgens und abends, im Gegensatz zu den mehr oder weniger abgelegenen Stationen, die teilweise nur alle 4 bis 10 Tage bedient werden konnten. Die Uebereinstimmung sämtlicher korrespondierender Beobachtungen war eine fast vollkommene. Der ungleiche Abbruch der Messungen an den einzelnen Stationen wurde durch Gefrieren der Toncylinder oder wegen Fehlens eines tüchtigen Beobachters verursacht. Infolge der Hochwasserkatastrophe vom 23./24. September 1920 erfuhr die sonst lückenlose Reihe der Beobachtungen von Balen und Almagel eine kurze Unterbrechung. Die Fortsetzung der Beobachtungen in Saas-Fee, in der Ebene von Mattmark, auf dem Allalingletscher und an der südlichen Allalinmoräne musste wegen anderweitiger dringender Inanspruchnahme der Beobachter aufgegeben werden. Der Abbruch der Messungen beim Hotel Mattmark geschah schon am 7. September.

Neben den Verdunstungsmessungen mittelst poröser Toncylinder gelangten an den Stationen in Almagel und Mattmark auch solche mittelst Glasschalen zur Ausführung. Die Grösse der Verdunstung wurde unter Zuhilfenahme einer Präzisionswage in Gewichtseinheiten (gr) bestimmt und auf Millimetereinheiten der verdunstenden Wasseroberfläche umgerechnet.

*) Beschreibung der Standorte der Toncylinder und Glasschalen:

Visp, 656 m ü. M. Toncylinder im Gemüsegarten vor dem Wohnhaus mit Apotheke des Herrn E. Burlet, umgeben von niederen Betonmauern. Die Apparate liegen 63 cm über niederen Gewächsen. Ebener Boden. Die Talwinde haben Zutritt. Boden sandig, in ca. 30—50 cm tritt Grundwasser auf.

Stalden, 810 m ü. M. Toncylinder im Garten des Hotels Burgener (Nord-Ost-Seite), ca. 80 cm über Boden. Der Apparat befindet sich über Gartennelken, Gladiolen, Löwenmaul, daneben kleine Steinmauer mit losem Drahtgitter. Boden schwach gegen Süden geneigt. Südwind hat vollständigen Zutritt, gegen Norden etwas geschützte Lage. Die Talwinde haben vollen Zutritt. Boden: gute Gartenerde.

Balen, 1490 m ü. M. Toncylinder auf ebener Wiese nördlich der Kirche, ca. 3 m westlich der Visp, 63 cm über dem Boden. Am Ufer der Visp niedriges Buschwerk (Weiden). Nord- und Südwinde haben vollständigen Zutritt.

Almagel, Stadel, 1690 m ü. M. Glasschalen unter einem nach allen Seiten offenen Stadel, am Ostfusse des Talhanges, in gegen Nord- und Südwinde und direkte Sonnenstrahlung geschützter Lage. Humusboden, teilweise mit Kies belegt.

Almagel, Wiese, 1680 m ü. M. Toncylinder und Glasschalen auf Wiese vor dem Pfarrhaus. Mit kurzgeschnittenem Gras bewachsener Untergrund. Boden besteht aus 5 cm dicker Humusschicht, dann folgt 23 cm mächtige Schlammschicht über Kies-, Sand- und Steinboden vom Hochwasser 1868 herrührend. Die Apparate liegen rund 60 cm über Boden und sind den Nord- und Südwinden vollständig ausgesetzt.

Saas-Fee, 1800 m. ü. M. Toncylinder auf einem Rundhöcker östlich der Pfarrkirche, ca. 63 cm über dem Boden. Untergrund: Alpwiese, teilweise Felsboden, trockene, windfreie Lage.

Mattmark, Seebene, 2109 m. ü. M. Toncylinder auf der Seebene nördlich des Hotels Mattmark, 700 m südlich des Seeausflusses, ca. 80 cm über Schlamm- und Sandboden. Untergrund Seegras. Vollständig windfreie Lage. Glasschalen am Nordrande des Sees, in gedeckter und windgeschützter Lage, ca. 60 cm über Boden.

Hotel Mattmark, 2120 m ü. M. Toncylinder, zunächst südlich des Hotels, am Ostrande der Visp, über Alpboden mit Steinen ca. 80 cm über Boden. Vollständig windfreie Lage.

Allalingletscher, 2130 m ü. M. Toncylinder in der Mitte der Gletscherzunge (Richtung △ 8 — △ 28) ca. 90 cm über dem Gletscherboden. Vollständig windfreie Lage.

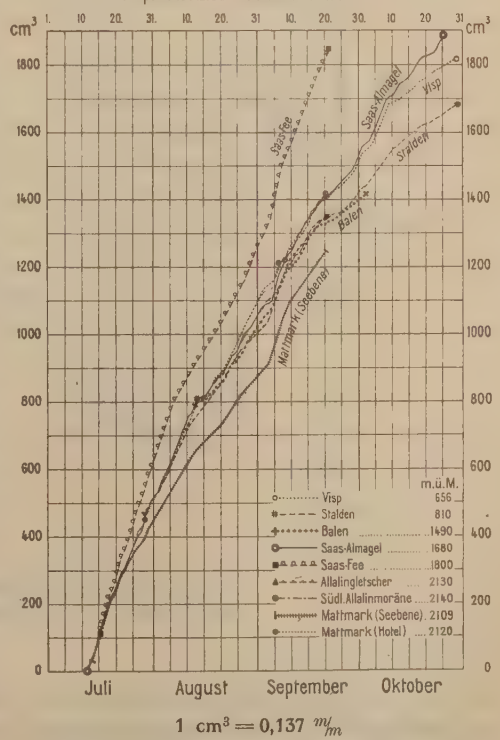
Südliche Seitenmoräne des Allalingletschers, 2140 m ü. M. Toncylinder beim Polygonpunkt △ 5. Auf dem First der Moräne, ca. 40 cm über Boden, den Nord- und Südwinden vollständig ausgesetzt.

NB. Die Toncylinder sind vor, während und nach den Versuchen sorgfältig geprüft worden. — Als Basis diente der alte, nicht mehr im Gebrauche stehende 6 cm Normal-Cylinder. Die Messergebnisse der für die Versuche verwendeten 8 cm Cylinder wurden auf den Normalcylinder reduziert. Die Umrechnung in Tiefeneinheiten ($^{m}/_{m}$) erfolgte durch Division der reduzierten Anzahl der gemessenen Verdunstungsmengen (cm^3) in die Fläche der verwendeten Toncylinder (73 cm^2).

Vergleichsergebnisse der Verdunstungsmessungen im Vispgebiet mittelst poröser Toncylinder.
Zeitperiode: 12. Juli bis 26. Oktober 1920.

Perioden	Mittlere Lufttemp. Almagel	Visp 656 m ü. M.	Stalden 810 m ü. M.	Balen 1490 m ü. M.	Almagel 1680 m ü. M.	Saas-Fee 1800 m ü. M.	Mattmark, Seebene 2109 m ü. M.	Mattmark Hotel 2120 m ü. M.	Allalingletscher 2130 m ü. M.	Südl. Allalinmoräne 2140 m ü. M.
		m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m
12. VII.—26. X.	9.3°	246	—	—	259	—	—	—	—	—
106 Tage		2.3[2]			2.4					
13. VII.—21. IX.	10.4°	188	—	—	190	—	166	—	—	—
70 Tage		2.7			2.7		2.4			
16. VII.—22. IX.	10.3°	179	—	—	178	235	—	—	—	—
68 Tage		2.6			2.6	3.5				
29. VII.—7. IX.	9.9°	102	—	—	98	—	—	104	(92)[1]	—
40 Tage		2.5			2.4			2.6	2.3	
29. VII.—21. IX.	9.8°	130	—	—	130	(167)[1]	115	—	121	—
54 Tage		2.4			2.4	3.3	2.1		2.2	
14. VIII.—3. X.	8.7°	102	88	84	104	—	—	—	—	—
50 Tage		2.0	1.8	1.7	2.1					
9. IX.—21. IX.	9.6°	23	21	21	26	—	(24)[1]	—	(22)[1]	27
12 Tage		1.9	1.7	1.7	2.2		2.0		1.8	2.2
14. VIII.—21. IX.	8.9°	82	74	72	83	(123)[1]	(79)[1]	—	79	—
38 Tage		2.2	1.9	1.9	2.2	3.2	2.1		2.1	

Diagramm 1.



1 cm³ = 0,137 m/m

Aus der vorstehenden Tabelle und aus dem Diagramm 1 ist ersichtlich, dass in Visp und Almagel in allen grösseren Perioden annähernd dieselben Verdunstungswerte beobachtet wurden, im Gegensatz zu Stalden und Balen, die kleinere, und Saas-Fee, das grössere Werte aufweist. Die Ursache dieser Erscheinung ist in erster Linie eine Folge der ungleichen Frequenz der Winde. In Stalden und Balen treten, der geschützteren Lage der Stationen wegen, weniger oft Winde ein als in Visp und Almagel und bei den letzteren wieder weniger als in Saas-Fee, wo infolge der Gletschernähe ausgesprochene lokale Winde vorkommen. Hotel Mattmark hat ungefähr dieselben Werte wie Visp, während der Allalingletscher etwas kleinere aufweist, aber immer noch grössere als Balen und Stalden. Mattmark (Seebene) wird von Morgennebel stark beeinflusst, deshalb die geringeren Werte.

In der Periode vom 9. Sept. bis 21. Sept. 1920 hat nach Saas-Fee die südliche Allalinmoräne die grössten Verdunstungswerte; dies mag von der exponierten Lage des Toncylinders (Richtung des Talweges) herrühren. Im allgemeinen ist der Verlauf der Verdunstung bei allen Stationen derselbe; die Maxima und Minima treten zu derselben Zeit auf. Auch in der Grösse der Schwankungen von einem Tag zum andern lassen sich bei den verschiedenen Stationen keine wesentlichen Unterschiede finden.

Zur Vergleichung zwischen Toncylinder und offenen Gefässen waren, wie bereits früher vermerkt, in Almagel, Pfarrwiese, neben erstern noch zwei Glasschalen in freier Lage aufgestellt. Ferner wurden, ebenfalls in Almagel, unter einem Stadel in geschützter Lage zwei weitere Glasschalen untergebracht. Wir müssen an dieser Stelle darauf verzichten, auf die Einzelheiten der Beobachtungen und Messungen und ihre Auswertung näher einzugehen, beschränken uns vielmehr darauf, die wichtigsten Messergebnisse mitzuteilen.

[1]) Die in Klammern () vermerkten Werte sind teilweise interpoliert.
[2]) Mittelwerte pro Tag.

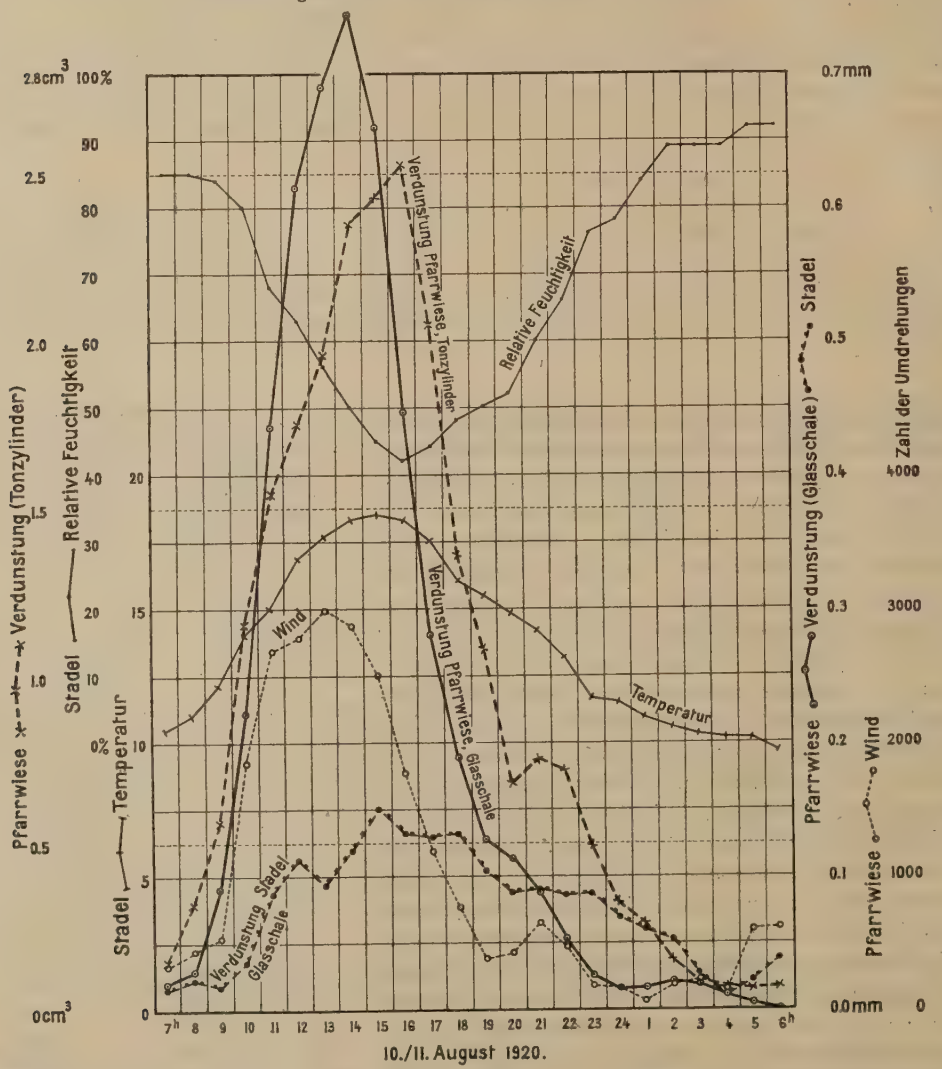
b) Einfluss der Temperatur, der Feuchtigkeit und des Windes auf den täglichen Gang der Verdunstung.

Die Versuchsergebnisse vom 10./11. August und 7./8. Oktober 1920 ermöglichen den Einblick über den Einfluss der Temperatur, der Feuchtigkeit und des Windes auf den täglichen Gang der Verdunstung. (Vergleiche die Diagramme 2 und 3). Ein Vergleich der Verdunstung mit dem gleichzeitigen Verlauf der Temperatur[1]) und des Windes zeigt, dass neben der Temperatur als Hauptfaktor dem Winde die grösste Bedeutung zukommt.

Diagramm 2.

Versuch vom 10./11. August 1920.

Talwind: Meist N. — Wind nach den Wolkenbeobachtungen (in der Höhe): W und SW.
Beobachtungsstation: **Saas-Almagel**, 1680 m über Meer.



Bewölkung: 0—1.

1 cm³ = 0.137 mm.

Von 8h 30 bis 16h Pfarrwiese von der Sonne beschienen.
Durchmesser der Glasschale (Stadel) = 278.0 mm, Fläche = 615.2 cm²
Durchmesser der Glasschale (Pfarrwiese) = 290.5 mm, Fläche = 676.2 cm²

Am 10. August wird die Verdunstung bei abflauendem Wind, aber zunehmender Temperatur, grösser. Um 13h ist die grösste Windstärke erreicht; die maximalen Verdunstungen treten aber bei den Glasschalen um 14h (Pfarrwiese) und 15h (Stadel), beim Toncylinder (Pfarrwiese) erst um 16h auf, entprechend der Temperatur, die sich von 14h bis 16h auf ungefähr derselben Höhe hält. Namentlich um die Mittagszeit, zur Zeit

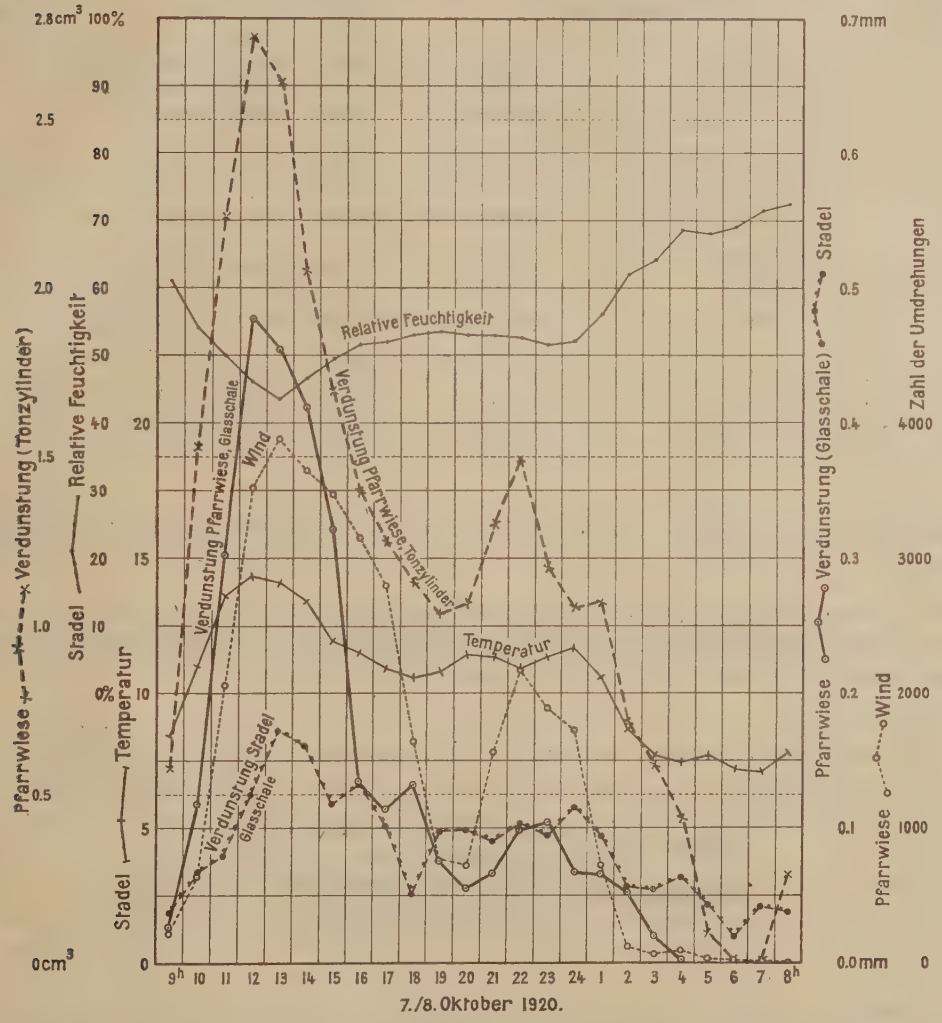
[1]) Der Sättigungsfehlbetrag zeigt an diesem Tage genau parallelen Verlauf mit der Lufttemperatur.

der stärksten Sonnenstrahlung, schmiegt sich die Verdunstung auch stark der Temperatur an. Zunehmende Temperatur und wachsende Windstärke beschleunigen die Verdunstung, abnehmende Temperatur und abflauender Wind verzögern sie. Fällt das Abnehmen von Temperatur und Windstärke zeitlich nicht zusammen, so schmiegt sich die Verdunstung dem Verlaufe der Temperatur bis zum Temperaturmaximum an, hernach folgt sie wieder dem Windeinfluss. Allgemein betrachtet tritt hier der Einfluss der Temperatur auf die Verdunstung deutlich, derjenige des Windes nur in verschleiertem Masse zutage.[1])

Diagramm 3.

Versuch vom 7./8. Oktober 1920.

Talwind: S. — Wind nach den Wolkenbeobachtungen (in der Höhe): SE.
Beobachtungsstation: **Saas-Almagel**, 1680 m über Meer.



Bewölkung: 0—1. 1 cm³ = 0.137 mm.
Durchmesser der Glasschale (Stadel) = 278.0 mm, Fläche = 615.2 cm².
Durchmesser der Glasschale (Wiese) = 290.5 mm, Fläche = 676.2 cm².

Der Einfluss des Talwindes auf die Verdunstung gelangt am 7. Oktober 1920 in verschiedenem Sinne zum Ausdruck. Von 12h an, das ist zur Zeit des Temperaturmaximums, beginnt die Verdunstung rasch kleiner zu werden, trotz zunehmender Windstärke. Von 20h bis 22h tritt eine starke Zunahme des Windes ein, die aber, trotz annähernd gleichbleibender Temperatur wieder eine grössere Verdunstung bewirkt. Am 8. Oktober 7h ist bei Windstille auch die Verdunstung = 0, mit Ausnahme von Stadel, wo kleine lokale Winde aufgetreten sind.

[1]) Ueber den Einfluss des Sättigungsfehlbetrages im allgemeinen verweisen wir auf den Abschnitt II, Diagramm 5, Seite 15.

c) Verlauf der Verdunstung in Almagel während der Periode vom 20. Juli bis 26. Oktober 1920.

Verhältniszahlen. Grösste Tagesverdunstung.

Ueber den Verlauf der Verdunstung in Almagel, sowie die Verhältniszahlen, gibt uns die nachstehende Zusammenstellung Aufschluss, die die mittleren 10—16tägigen Verdunstungshöhen ($^m/_m$) der Tonzylinder, Pfarrwiese, und der Glasschalen, Stadel, für die Periode vom 20. Juli bis 26. Oktober enthält.

Perioden 1920 8^h0—8^h0	Toncylinder Pfarrwiese (Freie Lage)		Glasschalen Stadel (Geschützte Lage) Grosse	Kleine	Mittel	Glasschalen Stadel (Mittelwert) / Toncylinder Pfarrwiese (Verhältnis)
		$^m/_m$	$^m/_m$	$^m/_m$	$^m/_m$	
20. Juli bis 1. August	(12 Tage) total	38.64	22.04	23.25	22.64_5 total	0.59
	pro Tag	3.22			1.89	
1. August „ 16. „	(15 „) „	40.67	25.03	24,24	24.63_5 „	0.61
	„	2.71			1.64	
16. „ „ 1. September	(16 „) „	33.56	20.33	20.40	20.36_5 „	0.61
	„	2.10			1.27	
1. September „ 16. „	(15 „) „	38.49	25.94	26.18	26.06 „	0.68
	„	2.57			1.74	
16. „ „ 2. Oktober	(16 „) „	29.00	17.99	17.60	17.79_5 „	0 61
	„	1.81			1.11	
2. Oktober „ 16. „	(14 „) „	28.88	17.20	17.17	17.18_5 „	0.59_5
	„	2.06			1.23	
16. „ „ 26. „	(10 „) „	16.68	9.03	8.84	8.93_5 „	0.54
	„	1.67			0.89	
Total 20. Juli bis 26. Oktober	(98 Tage)	225.92	137.56	137.68	137.62	0.60_9
	pro Tag	2.31			1.40	

Die grössten Tagesverdunstungen sind vom 5. bis 7. September 1920 mit { 5.2 $^m/_m$ Toncylinder; 4.25 $^m/_m$ grosse Schale; 4.17 $^m/_m$ kleine „ } beobachtet worden. —

Wesentlich andere Verdunstungshöhen und Verhältniswerte ergaben sich dagegen an den Glasschalen, die neben den Toncylindern auf der Pfarrwiese in Almagel, also in freier Lage zur Aufstellung gelangten. Nachstehende Mittelwerte geben hierüber Auskunft:

Periode Juli/Oktober 1920: Toncylinder Pfarrwiese: 3.46 $^m/_m$. Glasschalen Stadel: Grosse = 1.95 $^m/_m$; Wiese 4.14 $^m/_m$.
(Mittelwerte aus 8 kurzen Perioden). Kleine = 1.99 $^m/_m$; 4.35 $^m/_m$.

$$\text{Verhältniszahl: } \frac{\text{Glasschalen Stadel (Mittelwerte)}}{\text{Toncylinder Pfarrwiese}} = 0.57$$

$$\text{Verhältniszahl: } \frac{\text{Glasschalen Wiese (Mittelwerte)}}{\text{Toncylinder Pfarrwiese}} = 1.23$$

d) Vergleichsversuche in Almagel und Mattmark vom 8. bis 13. September 1920.

Vom 8. September bis 13. September 1920 gelangten zwei weitere Glasschalen am Nordende des Mattmarksees, 2109 m ü. M., in gedeckter und geschützter Lage zur Aufstellung. Die Ergebnisse sind folgende:

1. Verhältnis der grossen zur kleinen Glasschale: . . . . . Almagel (Stadel) = 0.98
   Almagel (Wiese) = 1.02
   Mattmark (Seebene) = 0.81
2. Verhältnis der grossen Glasschale Almagel (Wiese) zur grossen Glasschale Almagel (Stadel) = 2.32
3. Verhältnis der grossen Glasschale Almagel (Stadel) zur grossen Glasschale Mattmark (Seebene) = 1.51
4. Verhältnis der grossen Glasschale Almagel (Wiese) zur grossen Glasschale Mattmark (Seebene) = 3.50
5. Verhältnis des Toncylinders Almagel (Wiese) zur grossen Glasschale Almagel (Wiese) = 0.67

e) Vergleichsversuche in Almagel mit dem Wild'schen Evaporimeter vom 15. bis 28. Juli 1924.

Vom 15. bis 28. Juli 1924 wurden ferner auf der Pfarrwiese in Almagel Verdunstungsversuche mittelst Toncylinder, grossen Glasschalen und Evaporimeter von Wild[1]) ausgeführt. Alle drei Arten von Atmometern gelangten im Freien und unter einer nach allen Seiten offenen, den Winden voll ausgesetzten, aber gedeckten Hütte zur Aufstellung. Es stellten sich folgende Verhältniswerte ein:

a) Verhältnis der Glasschalen untereinander: . . . . . $\frac{\text{Glasschale Hütte}}{\text{Glasschale Wiese}} = 0.67$

b) Verhältnis der Wild'schen Schalen untereinander: . . . . . $\frac{\text{Wild Hütte}}{\text{Wild Wiese}} = 0.61$

c) Verhältnis Toncylinder Wiese zur Glasschale Wiese: . . . . $\frac{\text{Toncylinder Wiese}}{\text{Glasschale Wiese}} = 0.65$

d) Verhältnis der Wild'schen Schale Hütte zur Glasschale Hütte: $\frac{\text{Wild Hütte}}{\text{Glasschale Hütte}} = 1.11$

e) Verhältnis der Wild'schen Schale Wiese zur Glasschale Wiese: $\frac{\text{Wild Wiese}}{\text{Glasschale Wiese}} = 1.22$

f) Verhältnis der Wild'schen Schale Hütte zur Glasschale Wiese: $\frac{\text{Wild Hütte}}{\text{Glasschale Wiese}} = 0.74$

g) Verhältnis der Wild'schen Schale Wiese zur Glasschale Hütte: $\frac{\text{Wild Wiese}}{\text{Glasschale Hütte}} = 1.82$

h) Verhältnis der Toncylinder Wiese zur Wild'schen Schale Wiese: $\frac{\text{Toncylinder Wiese}}{\text{Wild Wiese}} = 0.53$

Bemerkenswert ist die gute Uebereinstimmung der Verhältniszahl Toncylinder Wiese zu Glasschale Wiese der beiden Perioden: 8. September bis 13. September 1920 und 15. Juli bis 28. Juli 1924 mit **0.67 bezw. 0.65.** Die wenigen Beispiele zeigen deutlich die Vielgestaltigkeit der Verhältnisse im Hochgebirge in Hinsicht auf die Verdunstungsmessung. Aus diesem Grunde ist es auch nicht möglich, hier theoretische Beziehungen zwischen Verdunstung, Windstärke, Luftfeuchtigkeit und Temperatur aufzustellen.

Die Ergebnisse der Verdunstungsmessungen in Saas-Almagel und Mattmark (Hotel), sowie die zugehörigen Lufttemperaturen, relativen Feuchtigkeiten und Windbeobachtungen, Periode 20. Juli bis 20. November 1920, sind in graphischer Form im Diagramm 4 (Seite 10) vereinigt. Aus diesen ist neuerdings ersichtlich, wie gross die Abhängigkeit der Verdunstung von den Windverhältnissen ist. So ist z. B. am 28./29. Juli bei 114000 Umdrehungen des Schalenanemometers und nur 5^0 Lufttemperatur die Verdunstung 40.2 cm^3, während am 2./3. August bei nur 59900 Umdrehungen, aber 14.6^0 Lufttemperatur, 32.4 cm^3 verdunstet sind.

Die relativ grosse Verdunstung in Almagel am 20./21. Juli rührt in erster Linie von der hohen Lufttemperatur her, obschon die Zahl der Umdrehungen des Windmessers eine sehr kleine ist.

Am 2./3. August hat Mattmark trotz einer viel grösseren Zahl von Umdrehungen eine kleinere Verdunstung als Almagel, weil die Temperatur viel niedriger ist; im Gegensatz dazu steht aber das Ende des Monats August, bei dem Mattmark trotz niedriger Temperatur und einer kleinen Zahl von Umdrehungen grössere Verdunstungswerte aufweist.

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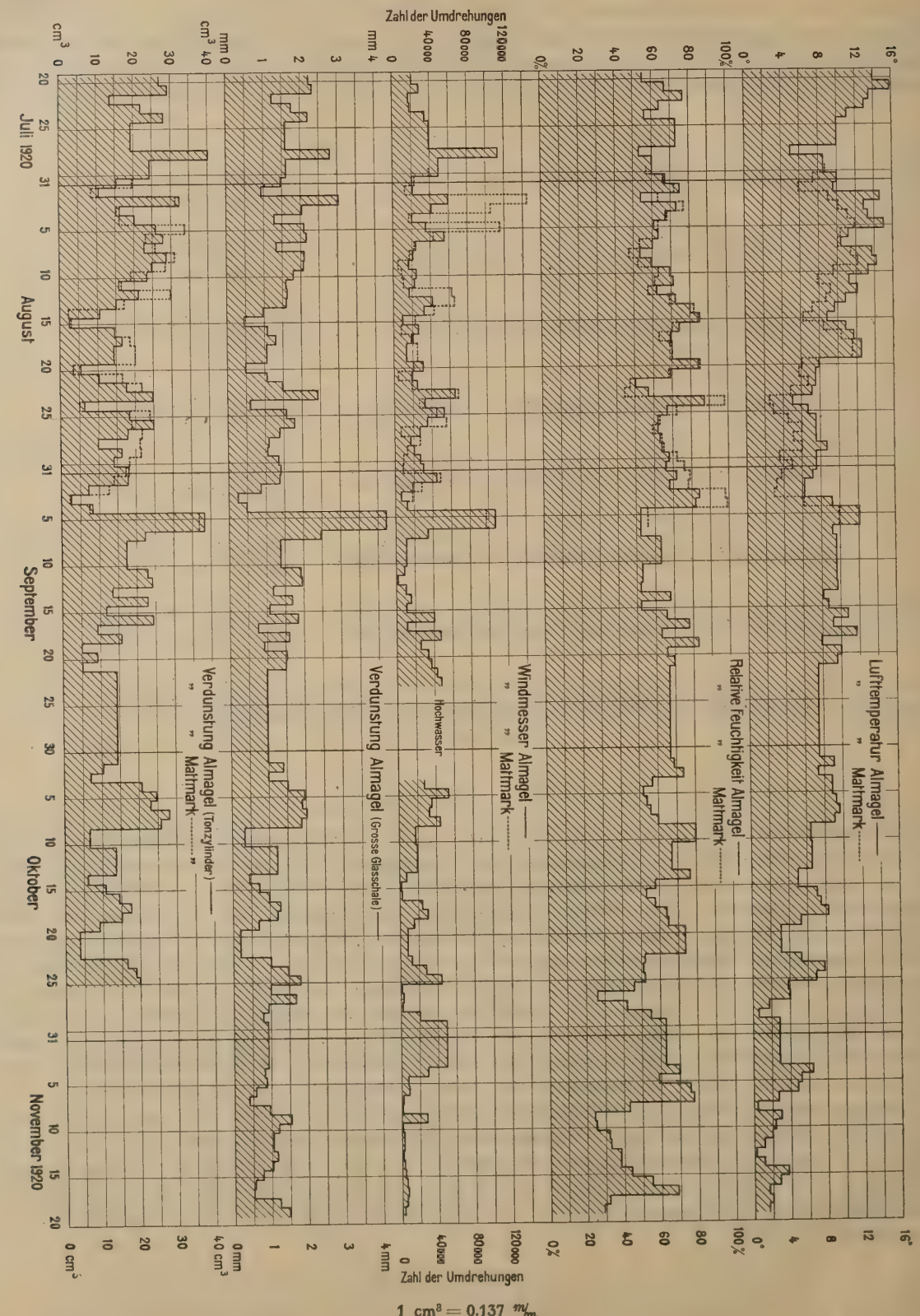
[1]) Die im Grundriss kreisförmige Wild'sche Verdunstungsschale hat einen Durchmesser von 17.8 cm mit einer freien Oberfläche von 250 cm^2, eine Tiefe von 2.9 cm am Rande und 4.3 cm in der Mitte.

Ergebnisse der Verdunstungsmessungen in Saas-Almagel und Mattmark.

Periode: 20. Juli bis 20. November 1920.

Diagramm 4.



II. Verdunstungsmessungen im Gebiete der Simplonpasshöhe.

(Simplon-Kulm, Wallis.)

Die Verdunstungsmessungen auf Simplon Kulm erfolgten am Hopschensee westlich der Simplonpasshöhe, 2017 m ü. M., an den Niederalpseen am Westfusse des Hübschhornes, 2050 und 2130 m ü. M., und an den Neuhüttenseen oberhalb Hopschen, am Ostfusse des Schienhornes, 2187 m ü. M., in der Zeit vom 25. Juli bis 26. Oktober 1921.

Hopschensee am Simplonpass, 2017,5 m ü. M.
von Süden gesehen.

Morphologisch stellt die Oberfläche der Simplonpasshöhe eine typische Rundhöckerlandschaft, eine undulierte Oberfläche dar. Jede Vertiefung birgt ein Seelein (Felsschalen-Bildung). Der Gesteinsuntergrund tritt nur teilweise nackt zu Tage, er ist meist mit einer ganz leichten Humus- oder Schuttschicht zugedeckt. Wo die Schicht mächtiger ist, haben wir es mit Moorboden zu tun. Die Zone des Magenhorns von P. 3621 bis zur Saltine besteht aus Gneiss und Glimmerschiefer[1]). Der Hopschensee liegt im Streichen von Granat- und Staurolith-Glimmerschiefer. Hydrologisch ist diese Zone an und für sich undurchlässig, unterirdische Wasserläufe sind nur auf Kluftflächen vorhanden[2]). Die Zone des Hübschhornes besteht aus Zweiglimmergneissen und ist auch nur auf Klüften wasserführend. Die hydrologischen und geologischen Verhältnisse des oberflächlichen Schuttbodens sind von den Verfassern unter Beiziehung des Geologen Herrn Dr. J. Hug in Zürich eingehend untersucht worden.

Hopschensee.

Der Zufluss zum Hopschensee ist ein kleines Sammelbächlein in geschlossener Rinne über dem Wasserspiegel des Sees. Nur die eigentliche Schuttzone des 295000 m^2 grossen Einzugsgebietes des Sees darf als Zuzugsgebiet betrachtet werden. Die Seefläche beträgt 13200 m^2 = 4,5 % des Einzugsgebietes, das Seevolumen = 22800 m^3, die mittlere Tiefe = 1,73 m, die maximale Tiefe = 3,0 m.

Während die Verdunstungsversuche am Märjelen-[3]) und Mattmarksee mittelst in den See eingetauchter offener Pfannen (Blechgefässe) und die Messung der Verdunstungsgrösse mittelst des Abstichverfahrens ausgeführt wurden, erfolgte die Ermittlung der Verdunstungsgrössen des Hopschensees auf Simplon-Kulm auf hydrometrische Weise, diejenige der übrigen kleinen Seen — weil ohne Zufluss — mittelst des Abstich-

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[1]) C. Schmidt und H. Preiswerk. Zur geolog. Uebersicht vergl. Karte der Simplongruppe 1 : 50 000. Spezialkarte No. 48 der Beiträge zur geolog. Karte der Schweiz. Hiezu das Erläuterungsheft No. 6 mit Literaturverzeichnis.

[2]) Zur hydrologischen Orientierung: H. Schardt. Les eaux souterraines du tunnel du Simplon. Bullt. d. l. soc. d. Géographie. Extr. 15 févr. 1905.

[3]) Lütschg, O. „Der Märjelensee und seine Abflussverhältnisse". Annalen der schweiz. Landeshydrographie. Bd. 1, Kap. X, S. 89—94. Bern, 1915.

verfahrens: Die Höhenlage des Wasserspiegels des Sees wurde von einer festen Marke aus mittelst peinlich genauer Abstichmessungen bestimmt. Am Hopschensee wurde somit das nämliche Verfahren angewendet, wie im aussergewöhnlich trockenen Sommer 1911 und vorwiegend kühlen und regnerischen Sommer 1912 am Greifensee, Zürichsee, Zuger- und Aegerisee, d. h. an Seen am Nordfuss der Alpen.[1]) Dabei wurden festgestellt: 1. Die dem See zuströmende Wassermenge, 2. die aus dem See abfliessende Wassermenge, 3. die Seespiegelschwankung und 4. die auf die Seefläche abgefallene Regenmenge.

Hopschensee am Simplonpass, 2017,5 m ü. M.
von Norden gesehen.

Im klimatischen Bereich der Hochgebirgsseen sind die Verhältnisse andere als am Fusse der Alpen. Ueber hohen Gebirgen ist die schützende Atmosphärendecke dünner; dort herrscht eine intensivere Wärmeausstrahlung des Tages und die Nacht hindurch, der aufgespeicherte Wärmevorrat ist daher auch geringer und die Temperatur entsprechend niedriger. Die die Verdunstung bedingenden Faktoren sind bekannt. Da bei einer bestimmten Temperatur nur eine bestimmte Menge Wasserdampf in einem gegebenen Raume möglich ist, so erreicht die Verdunstung im Sättigungszustande der Luft eine Grenze. Im unbegrenzten Raum wird diese Grenze nie völlig erreicht, weil der Wasserdampf durch Diffusion sich allseitig verbreitet. Aber diese Art der Wegführung des gebildeten Dampfes erfolgt sehr langsam. Die den verdunstenden Oberflächen nahen Luftschichten bleiben daher mit Wasserdampf fast gesättigt, die Verdunstung wäre eine sehr geringe, wenn nicht der gebildete Wasserdampf über einer Seefläche durch die Luftströmung weggeführt würde. Daher der grosse Einfluss des Windes auf das Mass der Verdunstung.

Parallel mit den Verdunstungsmessungen am Hopschensee kamen ferner auf der Hopschenwiese zunächst des Sees und an dessen Ufern Verdunstungsmessungen mittelst Glasschalen und Livingston'schen Toncylinderflaschen zur Ausführung. Für die Messung der Lufttemperatur und der Feuchtigkeit benutzte man in Hopschen in geeigneter Lage Thermographen und Präzisionsthermometer, Hygrographen und gut geeichte Hygrometer. Zur Messung der Windgeschwindigkeit diente ein sorgfältig geprüfter Windflügel. Die Regenmenge wurde mit Hülfe eines Hellmann Regenmessers (16 cm) gemessen, der zunächst westlich des Hopschensees seine Aufstellung fand. Der See hat nur einen sichtbaren Zufluss und einen Abfluss. Während den Untersuchungen stellte sich heraus, dass überdies nach Regenfall noch ein ganz kleiner unterirdischer Zufluss vorhanden ist. In dieser Hinsicht sind weitgehende und von einander unabhängige Untersuchungen ausgeführt worden. Dieser

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[1]) Maurer, J. „Die Verdunstung auf Seen am Nordfuss der Alpen während der grossen Hitze- und Dürrezeit 1911." Meteorologische Zeitschrift. Heft 12, 1911. S. 545—555. Braunschweig, 1911.

Maurer, J. „Die Wirkung der grossen Hitze- und Trockenzeit 1911 auf die Seenverdunstung." Schweizerische Wasserwirtschaft. 4. Jahrgang, Nr. 8. Zürich, 25. Januar 1912. S. 95—102.

Maurer, J. „Ueber die Grösse der jährlichen Verdunstung auf Seeflächen." Schweizerische Wasserwirtschaft. 5. Jahrgang, Nr. 11. Zürich, 10. März 1913. S. 139—145.

Eindringling drohte eine Zeit lang die Messungen am See zu stören. Aber es gelang in einwandfreier Weise diese Gefahr zu beseitigen, dank der vierwöchentlichen Trockenperiode vom 23. September bis 23. Oktober 1921, in welcher Zeit sich genügend überschüssige und ausreichend genaue Messergebnisse ergaben, um den Unterwasserzufluss quantitativ festzulegen. Es ist hier nicht der Ort, um auf die Entwicklung dieser Untersuchungen näher einzutreten, obschon gerade dieser Teil der Untersuchung eine Menge von interessanten Erscheinungen zutage förderte. Vom 24. September bis 21. Oktober 1921 wurde der Seeabfluss vollständig gesperrt. Dies konnte auf einfachste Weise geschehen, da die Zuflussmengen Beträge von nur wenig über, meist unter einem Sekundenliter erreichten. Seezufluss und -abfluss wurden mittelst Eichung gemessen.

Die Höhe des Seeniveaus wurde nach dem Abstichverfahren auf peinlich genaue Weise ermittelt. Für die Ermittlung der Niveauschwankungen dienten vier Pegel. Von entscheidender Wichtigkeit für die Bestimmung der täglichen Verdunstungsgrössen ist die Genauigkeit der Seespiegelabstiche. Bei bewegtem See — und der Hopschensee war oft bewegt — ist der Genauigkeitsgrad ein wesentlich beschränkter. Bei ruhigem See konnte eine Genauigkeit von 1—2 Zehntelsmillimeter erreicht werden. Die Fehler in der Bestimmung der messbaren Zu- und Abflüsse haben auf den Fehler der Verdunstungsbestimmung des Hopschensees nur einen verschwindend kleinen, praktisch gesprochen keinen Einfluss. Natürlich ist das Gesamtresultat oder die Ergebnisse, die aus der Differenzbildung von Beobachtungen bei ganz ruhigem See hervorgehen, wesentlich genauer als die Einzelresultate, da grössere Perioden nur die Pegelstände am Anfang und am Ende dieser Perioden zu berücksichtigen brauchen, wobei der prozentische Fehler in der Bestimmung der Pegelstände um so kleiner ausfällt, je grösser die Differenz derselben ist. Um den Genauigkeitsgrad der Einzelbeobachtungen zu erhöhen, sind die Resultate der täglich gemessenen Seespiegeländerungen einer Ausgleichung unterworfen worden. Als Prinzip der Ausgleichung war die Forderung massgebend, dass bei sonst gleichen Verhältnissen auch die tägliche Seespiegeländerung möglichst konstant bleiben müsse, dass ihr Verlauf ein möglichst stetiger sein soll, und dass die Summe der täglichen Seespiegeländerungen in der genannten Periode gleich der Differenz der Pegelstände am Anfang und am Ende dieser Periode sein muss.

Das Verdunstungsbild nach der Ausgleichung zeigt zwei überzeugende Tatsachen: 1. Die Seeverdunstung ergibt nach der Ausgleichung der täglichen Pegelstandsdifferenzen eine viel bessere Uebereinstimmung mit den gleichzeitigen Verdunstungshöhen der Wasserschaleninhalte und Toncylinder auf der Hopschenwiese. 2. Die Verdunstungsfläche für die genannte Zeit bekommt nach der Ausgleichung ein sehr ähnliches Bild mit der Fläche des Sättigungsdefizits der Luft an Wasserdampf, selbstredend auch hier im Rahmen eines gewissen Spielraumes, der noch andere Einflüsse zur Geltung kommen lässt.

Die totale Untersuchungsperiode vom 25. Juli bis 23. Oktober 1921 lässt sich nicht nur in die einzelnen Monate, sondern auch in vier Einzelperioden zerlegen, nämlich in:

1. eine Trockenperiode vom 25. Juli bis 10. August (16 Tage),
2. eine nasse Periode mit viel Regen vom 10.—25. August (15 Tage),
3. eine feuchte Periode mit teilweisem Regen vom 25. August bis 23. September (29 Tage)
4. eine zweite Trockenperiode vom 23. September bis 23. Oktober (30 Tage).

Nun die wesentlichsten Resultate:

Ueber die mittlere Windstärke, die Wassertemperaturen, die Niederschlagshöhen und die Seeverdunstung (total, Maxima und Minima) nach Monaten und Perioden geordnet, geben die Zusammenstellung I und II Aufschluss.

Hopschensee westlich der Simplonpasshöhe, 2017 m ü. M. Mittlere Windstärke. Mittlere Wassertemperatur. Niederschlag. Verdunstung.

I. Zusammenstellung nach Monaten geordnet.

Monate 1921	Mittl. Windstärke. m/sec.	Wassertemperatur.[1])	Niederschlagshöhe. $^m/_m$	Seeverdunstung in $^m/_m$. Total	Maxima	Minima
25. Juli bis 1. August[2])	ca. 2.9	18.0°	0.4	29.0	4.7	3.1
(7 Tage)				pro Tag 4.1	28./29. VII.	29./30. VII.
1. August bis 1. September	3.1	13.3°	146.3	73.5	7.7	0.2
(31 Tage)				„ 2.4	6./7. VIII.	20./21. VIII.
1 September bis 1. Oktober	2.7	12.2°	63.9	54.5	3.7	0.35
(30 Tage)				„ 1.8	9./10. IX.	4./5. IX.
1. bis 30. Oktober	2.45	9.2°	0.0	41.3	3.4	0.9
(22 Tage)				„ 1.9	8./9. u. 9./10. X.	6./7. X.

[1]) Mittelwerte aus den Morgen- und Abendbeobachtungen.
[2]) 25. Juli 8^h bis 1. August 8^h.

II. Zusammenstellung nach Perioden geordnet.

Monate 1921	Mittl. Windstärke. m/sec.	Wassertemperatur.[1]	Niederschlagshöhe. $^m/_m$	Seeverdunstung in $^m/_m$.	Total	Maxima	Minima
I. Trockene Periode vom 25. Juli bis 10. August[2] (16 Tage)	2.9	17.3°	3.1		70.7	7.7	1.7
				pro Tag	4.4	6./7. VIII.	3./4. VIII.
II. Nasse Periode vom 10. August bis 25. August (15 Tage)	3.5	12.0°	143.6		18.1	2.15	0.2
				„	1.2	10./11. u. 21./22. VIII.	20./21. VIII.
III. Feuchte Periode vom 25. August bis 23. Sept. (29 Tage)	2.8	12.2°	63.9		53.5	3.75	0.35
				„	1.8	29./30. VIII.	4./5. IX.
IV. Trockene Periode vom 23. Sept. bis 23. Oktober (30 Tage)	2.4	9.9°	0.0		56.0	3.4	0.9
				„	1.9	8./9. u. 9./10. X.	6./7. X.
Ganze Periode 25. Juli bis 23. Oktober (90 Tage)	2.8	12.3°	210.6		198.3	7.7	0.2
				„	2.2	6./7. VIII.	20./21. VIII.

Die Verdunstung des Hopschensees beträgt somit für die ganze Beobachtungsperiode vom 25. Juli bis 23. Oktober 1921, d. h. in 90 Tagen 198.3 $^m/_m$ = 2.2 $^m/_m$ im Mittel pro Tag. Die maximale Verdunstung pro Tag während der ganzen Periode erreicht einen Betrag von 7.7 $^m/_m$ (6./7. VIII.), die minimale einen solchen von 0.2 $^m/_m$ (20./21. VIII.).

Im Sommer 1921 erfolgte das Schwinden der Eisdecke des Hopschensees ungefähr auf den 15. Juli, die Schliessung des Sees auf den 1. November. Setzen wir nun unter Berücksichtigung der vorstehenden Ergebnisse als Verdunstungsbetrag für den Zeitraum vom 15.—25. Juli eine Grösse von total 40 $^m/_m$ (4.0 $^m/_m$ pro Tag), und vom 23. bis 31. Oktober eine solche von 12 $^m/_m$ (1.5 $^m/_m$ pro Tag) ein, so ergibt sich als **Gesamtbetrag** für den relativ **warmen Sommer 1921** (1. Juli bis 31. Oktober) eine **Verdunstung von** 40 + 198 + 12 = **250** $^m/_m$. **Der Gesamtmittelwert aus den 123 Tagen erreicht deshalb eine Höhe von 2.03** $^m/_m$ **pro Tag.**

Die Zusammenstellungen III und IV enthalten die Ergebnisse der Verdunstungsmessungen mittelst der Toncylinder, Glasschalen, und derjenigen am Hopschensee nach Monaten und Perioden (Total und pro Tag in $^m/_m$) geordnet; die Tabellen V und VI geben die Verhältniswerte zwischen den Resultaten der nämlichen Atmometer und der Verdunstung des Sees. Diagramm 5[3]) gibt uns über die Grösse und den Verlauf der Verdunstung, der Oberflächentemperaturen des Hopschensees, der Lufttemperaturen, der Luftfeuchtigkeit und des Sättigungsfehlbetrages in allen Einzelheiten Auskunft.

Aus den Tabellen III bis VI geht hervor, dass einem Millimeter Wasserschalen-Verdunstung auf Hopschenwiese (Mittelwerte aus grosser und kleiner Schale) eine Verdunstung der Toncylinder

auf Hopschenwiese	von	0.65 $^m/_m$	(25. Juli bis 1. August),	am See	(Mittelwerte)	von	0.51 $^m/_m$
„ „	„	0.61 „	(1. August bis 1. September),	„	„	„	0.47 „
„ „	„	0 64 „	(1. September bis 1. Oktober),	„	„	„	0.53 „
„ „	„	0.75 „	(1. bis 23. Oktober),	„	„	„	0.60 „

entspricht.

Die Ergebnisse der beiden östlich und westlich des Sees aufgestellten Toncylinder zeigen eine schöne Uebereinstimmung. Die Verdunstungsgrösse des Toncylinders auf Hopschenwiese verhält sich zu derjenigen der Toncylinder am See wie:

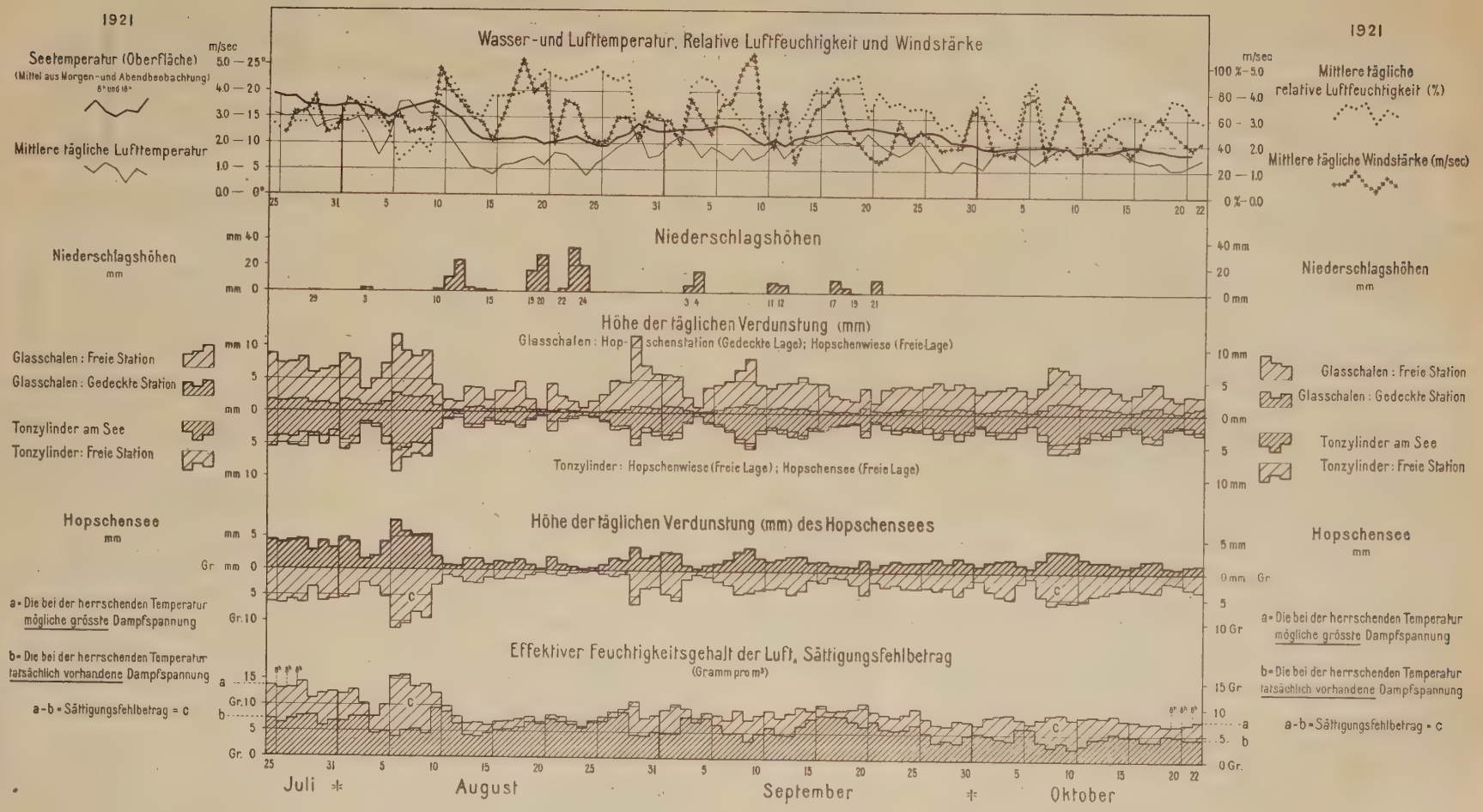
4.84 : 3.76_5 = 1.29 (25. Juli bis 1. August),
2.99 : 2.31 = 1.29 (1. August bis 1. September),
2.78 : 2.29 = 1.21 (1 September bis 1. Oktober),
3.34 : 2.53 = 1.32 (1. bis 23. Oktober),

[1]) Mittelwerte aus den Morgen- und Abendbeobachtungen.
[2]) 25. Juli 8^h bis 10. August 8^h.
[3]) Siehe Seite 15.

Verdunstungsmessungen am Hopschensee westlich der Simplonpasshöhe

2017 m über Meer.

25./26. Juli bis 22./23. Oktober 1921.



Zeichnung von R. Bohner.

Hopschensee westlich der Simplonpasshöhe. (2017 m ü. M.) 25. Juli bis 23. Oktober 1921.

Ergebnisse der Verdunstungsmessungen mittelst der Toncylinder und Glasschalen und derjenigen am Hopschensee.
III. Zusammenstellung der Ergebnisse nach Monaten geordnet[1]). (Monatssummen und Mittelwerte pro Tag in $^{m}/_{m}$).

Monate	Toncylinder			Glasschalen				See-verdunstung	Temperatur	
				Freie Station		Gedeckte Station				
	Freie Station	See Ost	See West	Grosse Schale	Kleine Schale	Grosse Schale	Kleine Schale		Luft[2])	Wasser[3]) (Hopschensee)
1921	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$		
25. Juli 8h bis 1. Aug. 8h	33.9	26 4	26.3	51.3	52.5	11.1	11.1	29.0	14.8°	18.0°
(7 Tage) pro Tag	4.84	3.77	3.76	7.33	7.50	1.59	1.59	4.14		
1. August bis 1. Sept.	92.7	72.2	71.1	147.4	158.1	29.9	28.4	73.5	9.5°	13.3°
(31 Tage) pro Tag	2.99	2.33	2.29	4.75	5.10	0.96	0.92	2.37		
1. Sept. bis 1. Oktober	83.4	67.6	69.8	125.9	133.3	24.1	23.6	54.5	9.1°	12.2°
(30 Tage) pro Tag	2.78	2.25	2.33	4.20	4.45	0.80	0.79	1.82		
1. Oktober bis 23. Okt.	73.4	55.7	55.7	90.0	94.8	21.3	22.3	41.3	7.7°	9.2°
(22 Tage) pro Tag	3.34	2.53	2.53	4.09	4.31	0.97	1.02	1.88		
Ganze Periode vom 25. Juli bis 23. Okt.	283.4	221.9	222.9	414.6	438.8	86.5	85.5	198.3	9.3°	12.3°
(Total 90 Tage) pro Tag	3.15	2.47	2.48	4.61	4.88	0.96	0.95	2.20		

IV. Zusammenstellung der Ergebnisse nach Perioden geordnet[1]). (Total und Mittelwerte pro Tag in $^{m}/_{m}$).

Perioden	Toncylinder			Glasschalen				See-verdunstung	Temperatur	
				Freie Station		Gedeckte Station				
	Feie Station	See Ost	See West	Grosse Schale	Kleine Schale	Grosse Schale	Kleine Schale		Luft[2])	Wasser[3]) (Hopschensee)
1921	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$	$^{m}/_{m}$		
I. Trockene Periode v. 25. Juli bis 10. Aug.	84.6	64.1	64.1	121.7	126.0	28.9	27.9	70.7	14.4°	17.3°
(16 Tage) pro Tag	5.29	4.01	4.01	7.61	7.87	1.81	1.74	4.42		
II. Nasse Periode vom 10. Aug. bis 25. Aug.	23.3	19.8	18.4	40.1	42.1	7.6	7.4	18.1	7.1°	12.0°
(15 Tage) pro Tag	1.55	1.32	1.23	2.67	2.81	0.51	0.50	1.21		
III. Feuchte Periode vom 25. Aug. bis 23. Sept.	78.1	64.1	64.7	127.8	139.7	21.6	20.6	53.5	9.4°	12.2°
(29 Tage) pro Tag	2.69	2.21	2.23	4.41	4.82	0.75	0.71	1.84		
IV. Trockene Periode v. 23. Sept. bis 23. Okt.	97.4	73.9	75.7	124.9	131.0	28.3	29.5	56.0	7.7°	9.9°
(30 Tage) pro Tag	3.25	2.46	2.52	4.16	4.37	0.95	0.99	1.87		
Ganze Periode vom 25. Juli bis 23. Oktober	283.4	221.9	222.9	414.6	438.8	86.5	85.5	198.3	9.3°	12.3°
(Total 90 Tage) pro Tag	3.15	2.47	2.48	4.61	4.88	0.96	0.95	2.20		

Die Toncylinder am Hopschensee verdunsten weniger, da diese direkt am Seeufer aufgestellt und mehr der feuchten Seeluft ausgesetzt sind. Zudem liegen sie in windgeschützterer Lage als diejenigen auf der Hopschenwiese. Bringen wir die Verdunstungsgrössen der Toncylinder am Hopschensee in Beziehung zu denjenigen der Hopschenwiese, so ergibt sich deutlich ein lineares Verhältnis. Die Verhältniszahl ist für trockene Perioden etwas grösser als für nasse Perioden. Die Ursache dieser Erscheinung ist in erster Linie eine Folge der vermehrten direkten Sonnenstrahlung an den Toncylindern auf Hopschenwiese, dann aber auch eine Folge der ungleichen Untergrundsverhältnisse. (Auf Hopschenwiese liegen die Toncylinder teilweise über Felsboden.) Hinsichtlich der Beziehung zwischen den Verdunstungsgrössen ($^{m}/_{m}$) der Wasserschaleninhalte auf Hopschenwiese und Hopschenstation (beidseitige Mittelwerte aus grosser und kleiner Schale) ergeben sich folgende Werte:

[1]) Ueber die meteorologischen Elemente gibt Diagramm 5 Aufschluss.
[2]) Mittelwerte aus den Thermographenaufzeichnungen.
[3]) Mittelwerte aus den Morgen- und Abendbeobachtungen (8h und 18h).

1 m/m Wasserschalen-Verdunstung auf Hopschenstation entspricht einer solchen auf Hopschenwiese von:

4.7 m/m (25. Juli bis 1. August),
5.2 „ (1. August bis 1. September),
5.4 „ (1. September bis 1 Oktober),
4.2 „ (1. bis 23. Oktober).

Hopschensee westlich der Simplonpasshöhe. 25. Juli bis 23. Oktober 1921.

V. Zusammenstellung der Ergebnisse nach Monaten geordnet. Verhältniswerte zwischen Toncylinder, Glasschalen und Seeverdunstung.

Monate	Toncylinder Freie Station / Toncylinder Seestationen	Glasschalen Freie Station / Glasschalen Gedeckte Stat.	Toncylinder Freie Station / Glasschalen Freie Station	Toncylinder Seestationen / Glasschalen Freie Station	See-verdunstung / Toncylinder Freie Station	See-verdunstung / Toncylinder Seestationen	See-verdunstung / Glasschalen Freie Station	See-verdunstung / Glasschalen Gedeckte Stat.
1921								
25. Juli bis 1. August 7 Tage	1.29	4.67	0.65	0.51	0.86	1.10	0.56	2.61
1. August bis 1. September 31 Tage	1.29	5.24	0.61	0.47	0.79	1.03	0.48	2.52
1. September bis 1. Oktober 30 Tage	1.21	5 44	0.64	0.53	0.65	0.79	0.42	2.29
1. Oktober bis 23. Oktober 22 Tage	1 32	4.23	0.79	0.60	0.56	0.74	0.45	1.89
Ganze Periode vom 25. Juli bis 23. Oktober Total 90 Tage	1.27	4.96	0.66	0.52	0.70	0.89	0.46	2.31

VI. Zusammenstellung der Ergebnisse nach Perioden geordnet.

Perioden	Toncylinder Freie Station / Toncylinder Seestationen	Glasschalen Freie Station / Glasschalen Gedeckte Stat.	Toncylinder Freie Station / Glasschalen Freie Station	Toncylinder Seestationen / Glasschalen Freie Station	See-verdunstung / Toncylinder Freie Station	See-verdunstung / Toncylinder Seestationen	See-verdunstung / Glasschalen Freie Station	See-verdunstung / Glasschalen Gedeckte Stat.
1921								
I. Trockene Periode vom 25. Juli bis 10. August 16 Tage	1.32	4.36	0.68	0.52	0.84	1.10	0.57	2.49
II. Nasse Periode vom 10. August bis 25. August 15 Tage	1.22	5.48	0.57	0.46	0.78	0.95	0.44	2.41
III. Feuchte Periode vom 25. Aug. bis 23. September 29 Tage	1.21	6.34	0.58	0.53	0.69	0.83	0.40	2.53
IV. Trockene Periode vom 23. Sept. bis 23. Oktober 30 Tage	1.30	4.42	0.76	0.60	0.57	0.75	0.44	1.93
Ganze Periode vom 25. Juli bis 23. Oktober Total 90 Tage	1.27	4.96	0.66	0.52	0 70	0.89	0.46	2.31

Einfluss des Windes. Aus einzelnen Spezialversuchen geht hervor, dass die Intensität der Luftströmung nur einen geringen Einfluss auf die Verdunstungsgrössen der Schaleninhalte besitzt. (Gültig im Bereich von 0.5—2.6 m/sec.). Von der Dauer des Windes, weniger von seiner Stärke[1]) ist das Mass der Verdunstung abhängig. Dass auch andere Faktoren, die im Hochgebirge meist sehr schwierig einzuschätzen sind, mitspielen, versteht sich von selbst.

[1]) Wenn wir vom Einfluss der Vergrösserung der Verdunstungsfläche durch Wellenbildung absehen.

Tag- und Nachtverdunstung. Die Verdunstungsmessungen wurden im allgemeinen um 8^h und 18^h vorgenommen, so dass die Tageszeiten 10 und die Nachtzeiten 14 Stunden betragen. Da die Verdunstungskurven in ihrem täglichen Verlauf stark voneinander abweichen, ist die reine Ausscheidung der Tag- und Nachtverdunstung aus den vorliegenden Messergebnissen allein nicht möglich. Vernünftigerweise wird man den Tagesbeginn 1—2 Stunden nach Eintritt völliger Tageshelle annehmen, wo die Temperatur bei klarem Himmel schon zu steigen beginnt, das Ende des Tages aber soweit nach Sonnenuntergang vorschieben, bis die Wassertemperatur nahezu stationär geworden ist. Nach solcher Definition erhält man im Juli eine Tageslänge von ca. 15 Stunden (7^h bis 22^h), im Oktober von 12 Stunden. Berücksichtigt man diese Zeiten in der Verdunstungsverteilung, dann gelangt man unter Verwertung der vorliegenden Ergebnisse zu dem Schluss, dass die Nacht- gegenüber der Tagverdunstung fast verschwindet (5%) und zwar um so mehr, je wolkenloser der Nachthimmel ist (Kondensation).[1] Bei bedecktem Himmel (Tag und Nacht) kann freilich, wie auch bei Föhn, die Nachtverdunstung einen Betrag erreichen, der von der Tagesverdunstung nicht weit absteht, wie aus den bezüglichen Messungen der geschützten Hopschenstation hervorgeht. (14stündige Nachtverdunstung bis $^8/_{10}$ der 10stündigen Tagesverdunstung.)

Vergleich zwischen den Verdunstungsmessungen im Saastal (1920) und auf Simplon-Kulm (1921).

Ein direkter Vergleich zwischen den Verdunstungsmessungen im Saastal, im Sommer 1920 und denen auf Simplon Kulm im Sommer 1921, ist der verschiedenen Beobachtungsjahre wegen nicht möglich.

Immerhin zeigt ein mehr indirekter Vergleich aber für die Verdunstungsverhältnisse im Saastal und auf Simplon Kulm grössere Verschiedenheiten, zum Teil aber auch erfreuliche annähernde Uebereinstimmungen.

Es beträgt das Verhältnis der Verdunstungshöhen der Wasserschaleninhalte im Freien zu denen unter Dach:

Almagel 1920, 8. IX./13. IX. = 2.32

Simplon 1921, 1. IX./30. IX. = 5.44

Das Verhältnis auf Simplon Kulm ist 2,3 mal grösser als in Almagel. Die Ursache dieser Erscheinung beruht lediglich auf Unterschieden in den Wassertemperaturen und den meteorologischen Faktoren überhaupt. Die gedeckte Station auf Hopschen (Simplon) liegt in bedeutend windgeschützterer Lage als diejenige in Almagel. Damit ist das Wesentliche der Differenz erklärt. Aehnliche Verhältnisse bestehen zwischen Mattmark und Simplon Kulm. —

Schwerwiegender ist dagegen der nachfolgende Vergleich, der auf gleiche meteorologische Verhältnisse abstellt, womit gemeint ist die Beziehung zwischen zwei nebeneinander gestellten verschieden aufgebauten Atmometern: einer Wasserschale aus Glas und einem Toncylinder.

Es beträgt der Quotient zwischen der Verdunstungsgrösse ($^m/_m$) eines Toncylinders und einer Glasschale, beide im Freien nebeneinander aufgestellt:

Almagel 1920, 8./13. X. = 0.67

Simplon 1921, 1./23. X. = 0.79

Almagel 1924, 18./28. VII. = 0.65

Die Uebereinstimmung darf, wenn wir bedenken, dass es sich um Ergebnisse ungleicher Zeiträume handelt, als eine recht befriedigende bezeichnet werden. —

Aus den Ergebnissen der Verdunstungsmessungen in Almagel (Pfarrwiese) im Sommer 1920 und denjenigen auf dem Simplon Kulm (Hopschenwiese und Hopschensee) im Sommer 1921, ergibt sich, dass die Verdunstung auf Simplon Kulm eine wesentlich grössere ist als in Almagel. Simplon Kulm weist als Passtation nicht nur eine grössere mittlere Windgeschwindigkeit, sondern — und dieses Moment fällt für die Verdunstung besonders ins Gewicht — auch mehr Tage mit Wind auf als die Talstation Almagel. Auch den ungleichen Vegetationsverhältnissen, hauptsächlich als Folge der ungleichen Höhenlage der beiden Stationen (Waldgrenze) kommt eine nicht zu unterschätzende Bedeutung zu.

Ganz allgemein beurteilt geht aus den bisherigen Untersuchungen im Saastale und auf Simplon Kulm hervor, dass auch die Toncylinder, so wie sie uns Livingston in Gebrauch gegeben hat, mit gutem Erfolge zu wasserwirtschaftlichen Untersuchungen über die Verdunstungsgrösse der Seen herangezogen werden können.

[1] Um über die Grösse der nächtlichen Kondensation Anhaltspunkte zu erhalten, sind Ende Juli/Anfang August 1922 mittelst einer leeren, trocken abgewogenen Glasschale einige Versuche ausgeführt worden, deren Ergebnisse folgende sind: 26. Juli bis $7^h = 0.1\ ^m/_m$; 27. Juli bis $5^h30 = 0.05\ ^m/_m$; 29. Juli bis $7^h45 = 0.22\ ^m/_m$; 30. Juli bis $6^h45 = 0.10\ ^m/_m$; 31. Juli bis $6^h0 = 0.13\ ^m/_m$; 1. August bis $6^h15 = 0.08\ ^m/_m$.

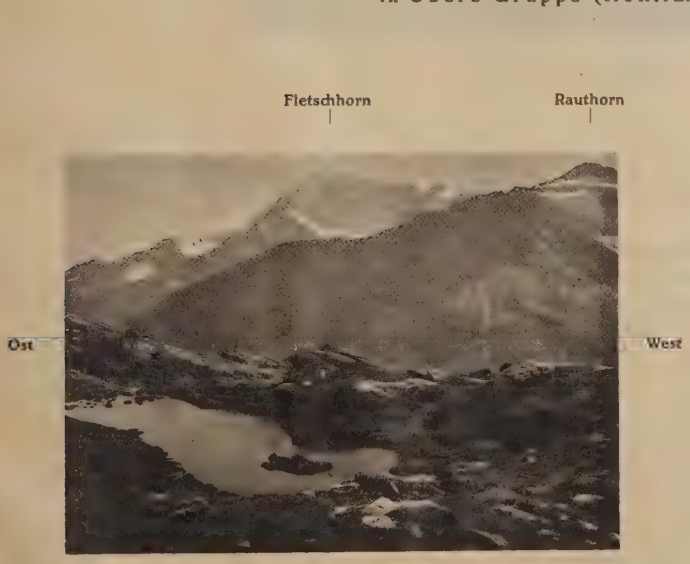
Niederalp- und Neuhüttenseen.

Wir haben bereits eingangs erwähnt, dass parallel mit den Verdunstungsmessungen am Hopschensee auch solche an 8 weiteren Seelein im Gebiete der Simplonpasshöhe, nämlich: an den Niederalp- und Neuhüttenseen zur Ausführung gelangten. Die Ergebnisse dieser Untersuchungen sind folgende:

Niederalpseen am Westfusse des Hübschhornes.

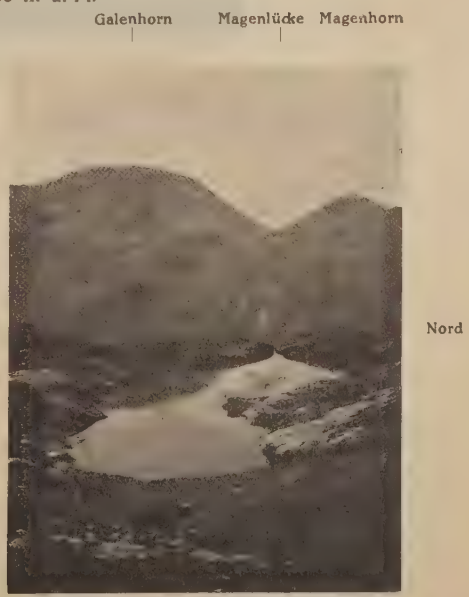
A: Niederalpseelein (Hohlicht), obere Gruppe, 2132 m ü. M.
B: Niederalpseelein (Geblatt), untere Gruppe, 2053 m ü. M.
Blick von der Hopschenwiese südwärts auf die Rundhöckerlandschaft des Simplonpasses.

A. Obere Gruppe (Hohlicht), 2130 m ü. M.



Niederalpseen (Hohlicht) am Westfusse des Hübschhornes.
Obere Gruppe. Oberes Seelein, 2136.85 m ü. M.
Oberfläche: 350 m². Mittlere Tiefe: 0.155 m. Maximale Tiefe 0.40 m.

Oberfläche des mittleren Seeleins: 334 m². Mittlere Tiefe: 0.163 m.
Maximale Tiefe: 0.36 m.

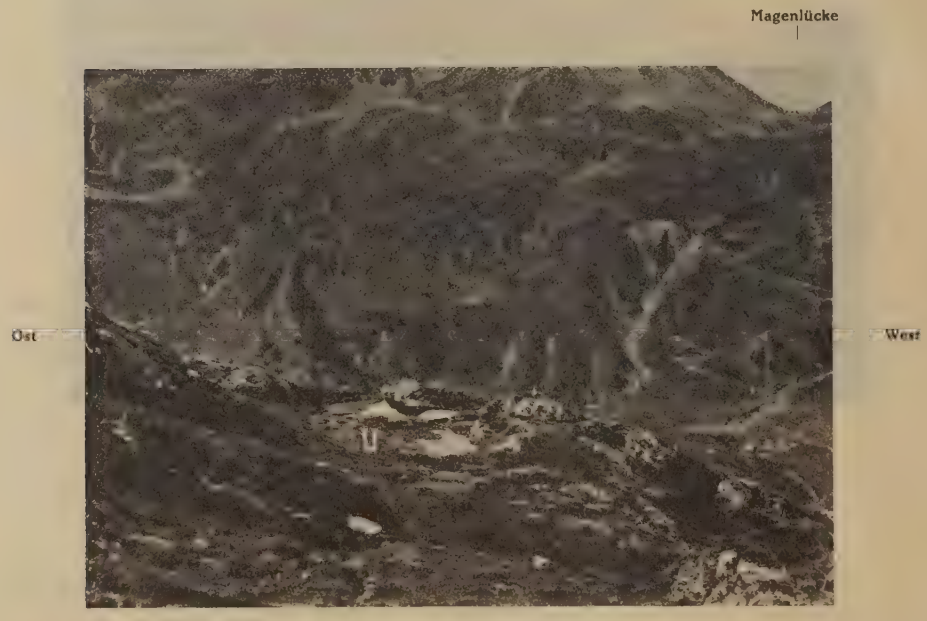


Niederalpseen (Hohlicht) am Westfusse des Hübschhornes.
Obere Gruppe. Unteres Seelein, 2129.78 m ü. M.
Oberfläche: 1050 m². Mittlere Tiefe: 0.284 m.
Maximale Tiefe: 0.82 m.

A. Obere Gruppe (Hohlicht), 2130 m ü. M.

1921 Perioden	Mittelwerte der drei Seelein	Mittlere Temperaturen Luft[1])	(Wasser[2])
29. August 11[h] bis 2. September 9[h] (3 Tage 22[h])	4.9 $^{m}/_{m}$ pro Tag	9.9°	15.3°
6. September 14[h] bis 11. September 15[h] (5 Tage 1[h])	5.8 $^{m}/_{m}$ „	8.6°	14.9°
13. September 15[h] bis 17. September 14[h] (3 Tage 23[h])	6.5 $^{m}/_{m}$ „	10.9°	15.0°
23. September 14[h] bis 1. Oktober 15[h] (8 Tage 1[h])	8.5 $^{m}/_{m}$ „	7.5°	13.4°

Niederalpseen (Geblatt) am Westfusse des Hübschhornes (Simplonpass).



U: Untere Gruppe, 2053 m ü. M.

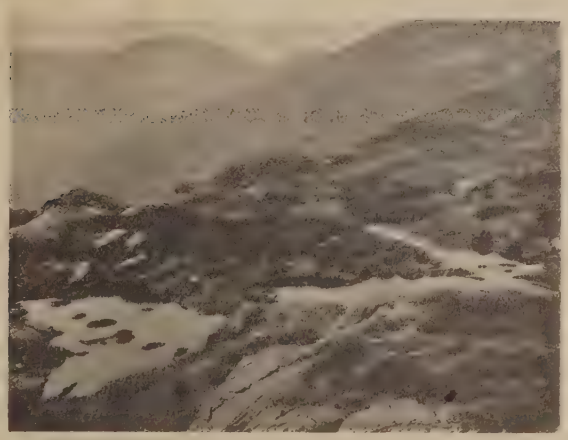
B. Untere Gruppe (Geblatt), 2053 m ü. M.

	Oberfläche	Mittlere Tiefe	Maximale Tiefe
Oberes Seelein:	210 m²	0.273 m	0.49 m
Unteres Seelein:	476 m²	0.171 m	0.60 m

1921 Perioden	Mittelwerte der beiden Seelein	Mittlere Temperaturen Luft[1])	Wasser[2])
29. August 16[h] bis 2. September 9[h] (3 Tage 17[h])	4.7 $^{m}/_{m}$ pro Tag	9.9°	15.5°
6. September 15[h] bis 11. September 15[h] (5 Tage)	5.5 $^{m}/_{m}$ „	8.6°	16.1°
13. September 16[h] bis 17. September 14[h] (3 Tage 22[h])	6.6 $^{m}/_{m}$ „	10.9°	15.8°
23. September 15[h] bis 1. Oktober 15[h] (8 Tage)	8.1 $^{m}/_{m}$ „	7.5°	13.5°

[1]) Mittelwerte aus den Thermographenstreifen.
[2]) Mittelwerte nur aus den Nachmittagsbeobachtungen.

Neuhüttenseen oberhalb Hopschen, am Ostfusse des Schienhornes, 2109 m ü. M.



Neuhüttenseelein oberhalb Hopschen (Simplonpass), am Ostfusse des Schienhornes, von Norden gesehen

	Oberfläche	Mittlere Tiefe	Maximale Tiefe
Oberes Seelein:	50 m²	0.215 m	0.30 m
Mittleres Seelein:	225 m²	0.154 m	0.31 m
Unteres Seelein:	72 m²	0.220 m	0.37 m

1921 Perioden	Mittelwerte der drei Seelein	Mittlere Temperaturen Luft[1])	Wasser[2])
30. August 10h bis 2. September 12h (3 Tage 2h)	8.3 m/m pro Tag	9.7°	14.4°
6. September 16h bis 11. September 17h (5 Tage 1h)	8.7 m/m „	8.6°	16.9°
13. September 17h bis 17. September 16h (3 Tage 23h)	6.4 m/m „	10.9°	18.6°
23. September 16h bis 1. Oktober 17h (8 Tage 1h)	6.3 m/m „	7.5°	14.6°
1. Oktober 17h bis 19. Oktober 16h (17 Tage 23h)	6.3 m/m „	8.1°	12.9°
	Seelein westlich der Hopschenalp, ca. 2040 m ü. M.		
16. Oktober 8h bis 23. Oktober 8h 1921 (7 Tage)	6.2 m/m pro Tag	6.6°	11.9°
	Seelein östlich der Hopschenalp, ca. 2040 m ü. M.		
21. Oktober 9h bis 23. Oktober 8h 1921 (1 Tag 23h)	7.3 m/m pro Tag	6.5°	11.8°

Die Verdunstung dieser kleinen Seen ist im allgemeinen eine wesentlich grössere, als die des viel ausgedehnteren und tieferen Hopschensees. Der Einfluss von Grösse und Tiefe gelangt deutlich zum Ausdruck: Kräftigere Erwärmung des Wassers als Folge des direkten Eindringens der Sonnenwärme.[3]) Vermehrter Einfluss der Wärmeausstrahlung des umgebenden Geländes. — Auch dem Wasserverbrauch der Vegetation (Verlust auf kapillarem Wege), der Wasseraufnahmefähigkeit des Bodens im Sinne einer Vergrösserung der Verdunstungswerte kommt, wie aus den Ergebnissen deutlich genug hervorgeht, eine hohe Bedeutung zu.

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[1]) Mittelwerte aus den Thermographenstreifen.

[2]) Mittelwerte nur aus den Nachmittagsbeobachtungen.

[3]) Vergleiche: Maurer, J., Zur Thermik des Zürich- und Wallensees. Annalen der Schweizerischen Meteorologischen Zentral-Anstalt. 52. Jahrgang, 1915. Abhandlung No. 5. Zürich, 1916.

Die Verdunstungsergebnisse dieser kleinen Seen stimmen auch mit den beiden Einzelversuchen überein, die vom 11. bis 30. August 1920 an einem kleinen See auf Plan Zarmant (Sanetsch) 2109 m ü. M., auf Veranlassung der Verfasser, durch die Direktion der Elektrizitätswerke der Stadt Bern zur Ausführung gelangten. Das Seelein hat eine Oberfläche von rund 550 m² und ist im Mittel 25 cm tief. Es liegt durchgehend auf einer undurchlässigen Lehmschicht. Der natürliche oberflächliche Abfluss wurde durch einen Lehmdamm aufgehalten. Die Messperiode wurde oft durch die schlechte Witterung beeinflusst, so dass aus 20 Versuchen nur zwei einwandfreie Ergebnisse erzielt werden konnten.

Ergebnisse: 11. August 12^h bis 13. August 18^h = 8.0 $^m/_m$ pro Tag (Temp. Seewasser am 12. August, 18^h = 20.0°).
22. „ 9^h „ 24. „ 9^h = 6.0 „ „ „ („ „ „ 23. „ „ 9^h = 6.0°).

Schlussbetrachtung. Als abgerundetes Ergebnis der bisherigen Studien im Simplongebiet drängt sich folgendes Schlussergebnis auf: Die Verdunstung auf den hochalpinen Seen ist im allgemeinen kleiner als auf den Seen am Fusse der Alpen. Bei ersteren wird die Verdunstung durch den verminderten Luftdruck etwas begünstigt, dieses bescheidene Plus jedoch durch die tieferen Temperaturen reichlich aufgehoben. Oertliche Verhältnisse dürften in positivem oder negativem Sinne entscheidend ins Gewicht fallen. In Betracht kommen namentlich alle diejenigen Faktoren, die die Temperatur des Wassers bestimmen: die mehr oder weniger exponierte Lage des Sees und seines Einzugsgebietes hinsichtlich der Besonnung und des Windeinflusses; der Charakter der Zuflüsse (ob Quell-, Gletscher- oder Schmelzbäche den See speisen); die Grösse der Seefläche und die Tiefe des Sees, die Mächtigkeit der Schneedecke, der Charakter des Geländes. (Der Rotelschsee beim Simplon-Hospiz hat entschieden eine beträchtlich kleinere Verdunstung als der Hopschensee, weil er vom Abfluss des Kaltwassergletschers gespiesen wird.)

Wir sind am Schlusse unserer gedrängten Ausführungen angelangt. Bevor wir dieselben schliessen, ist es uns eine Pflicht, auch der unermüdlichen Mitarbeiter zu gedenken, die uns bei der Ausführung und Ausarbeitung der Messungen treu zur Seite standen. Die Ingenieure Dr. F. Siegwart, E. Bachmann und T. Lütschg, sowie Zeichner R. Bohner haben ihr Bestes eingesetzt, um das schwierige Problem zu einem befriedigenden Abschlusse zu bringen.

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